



ERASMUS+

Enriching lives, opening minds

CSS - PROPERTIES



ИНСТИТУТ
БИЗНЕСА
БГУ

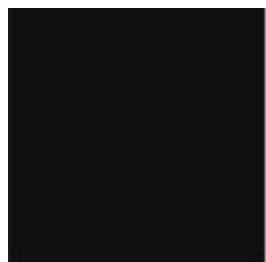
Colour:

color и background_color

```
a:hover {color:lightblue}
```

```
a.lb {color:darkblue}
```

```
.hi  
{  
color:darkgreen;  
}
```



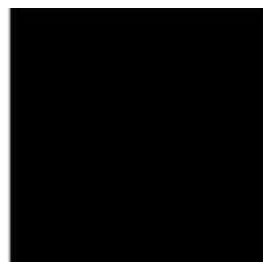
#111111



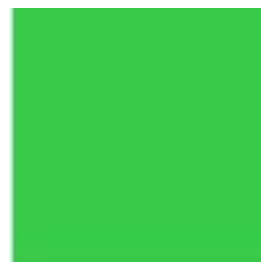
#FFFFFF



#0074D9



#000000



#2ECC40



#FFDC00



#FF4136



#AAAAAA



#DDDDDD



#7FDBFF



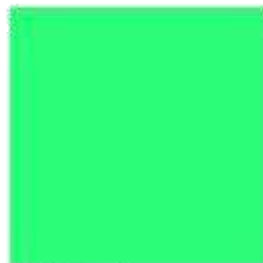
#001F3F



#39CCCC



#3D9970

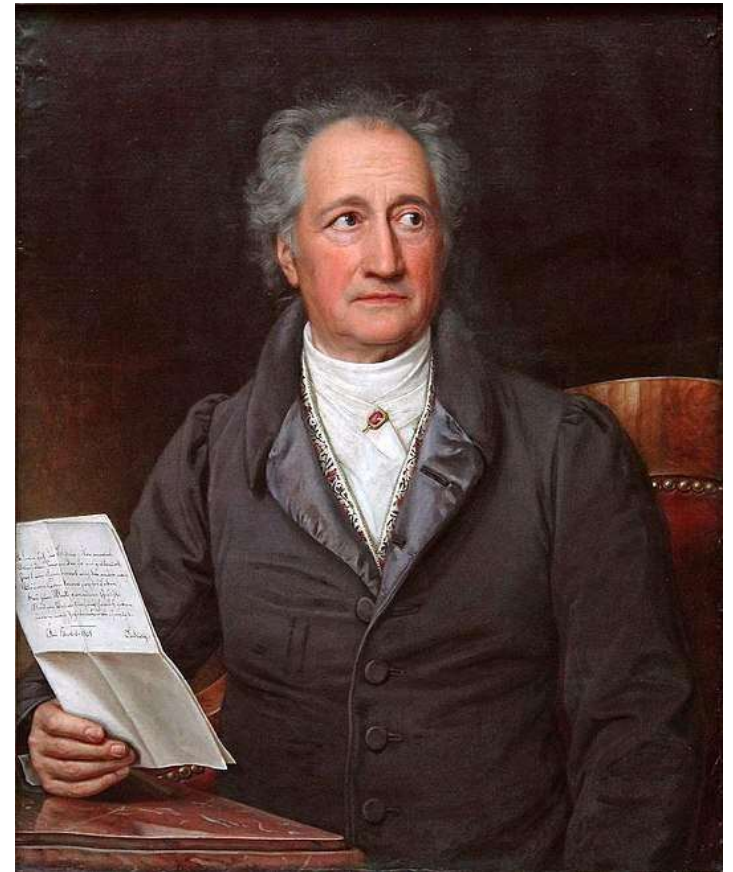


#01FF70

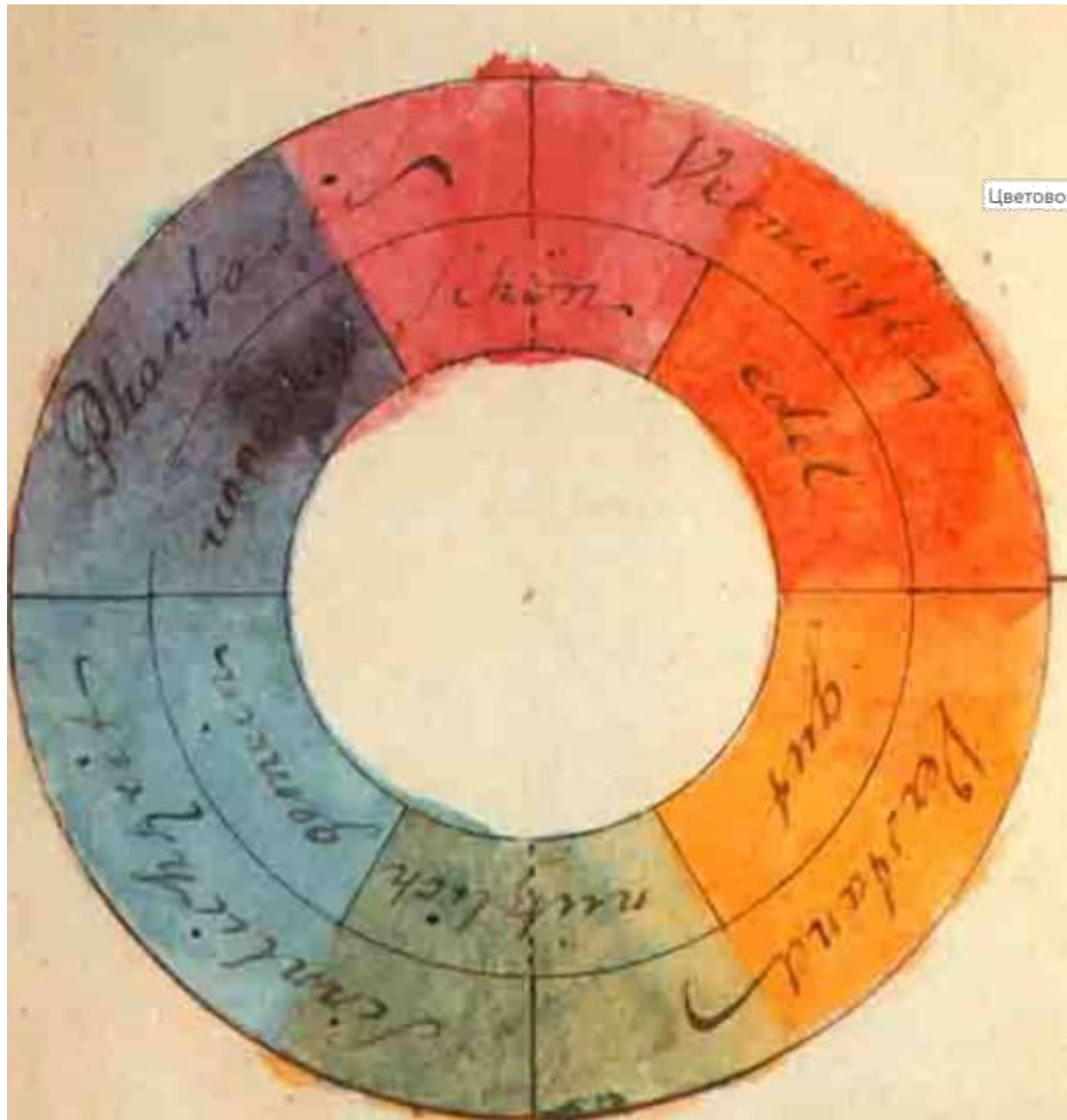


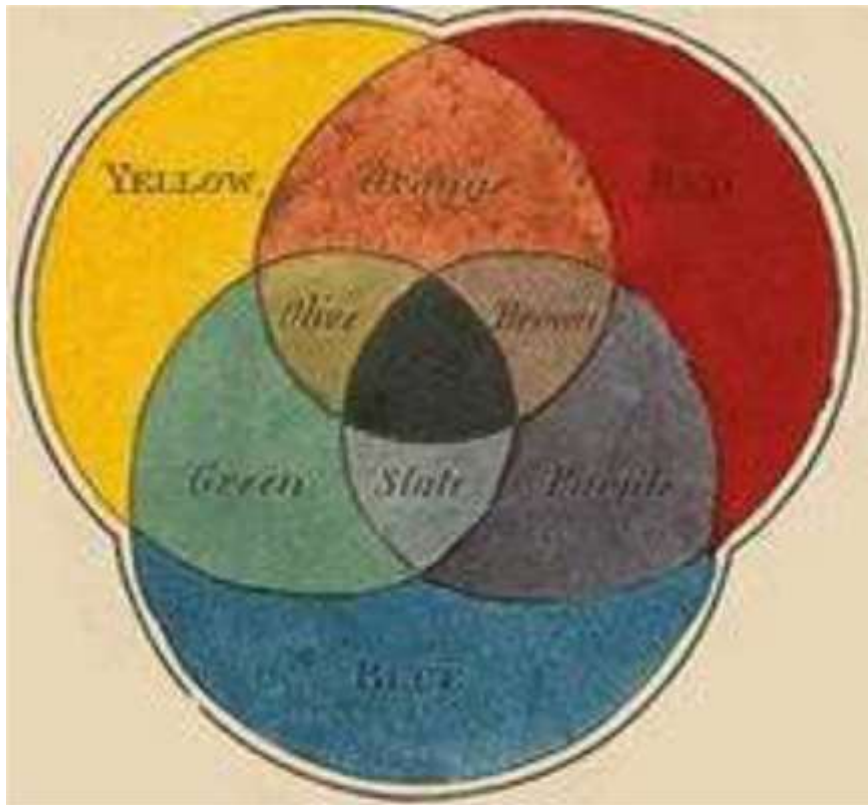
#FF851B

Zur Farbenlehre



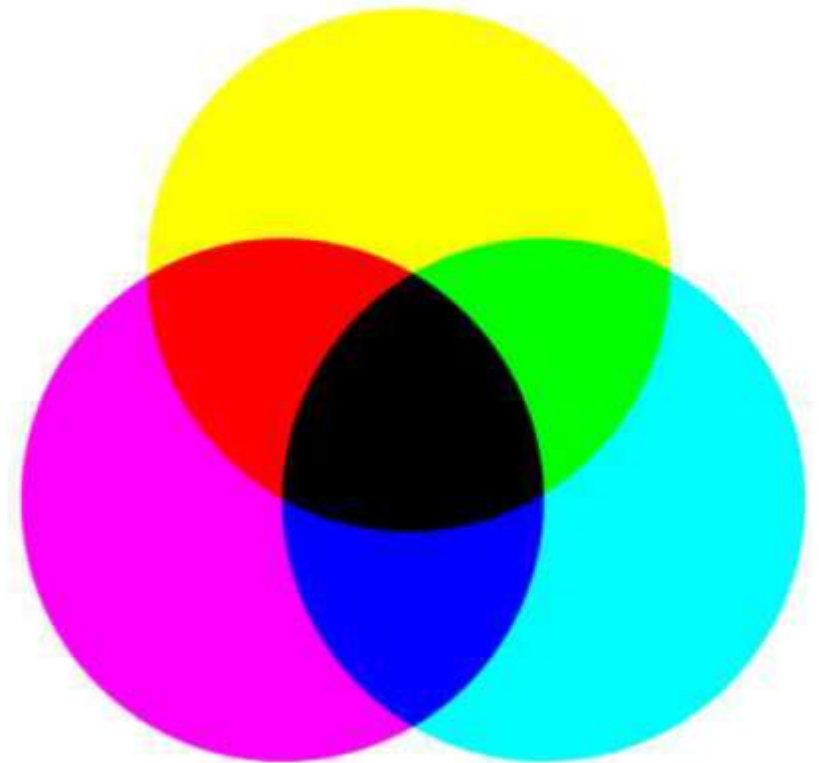
**Johann
Wolfgang
von Goethe**





Goethe's primary colors:
Yellow , **Red**, **Blue**
their mixture gives others

CMYK



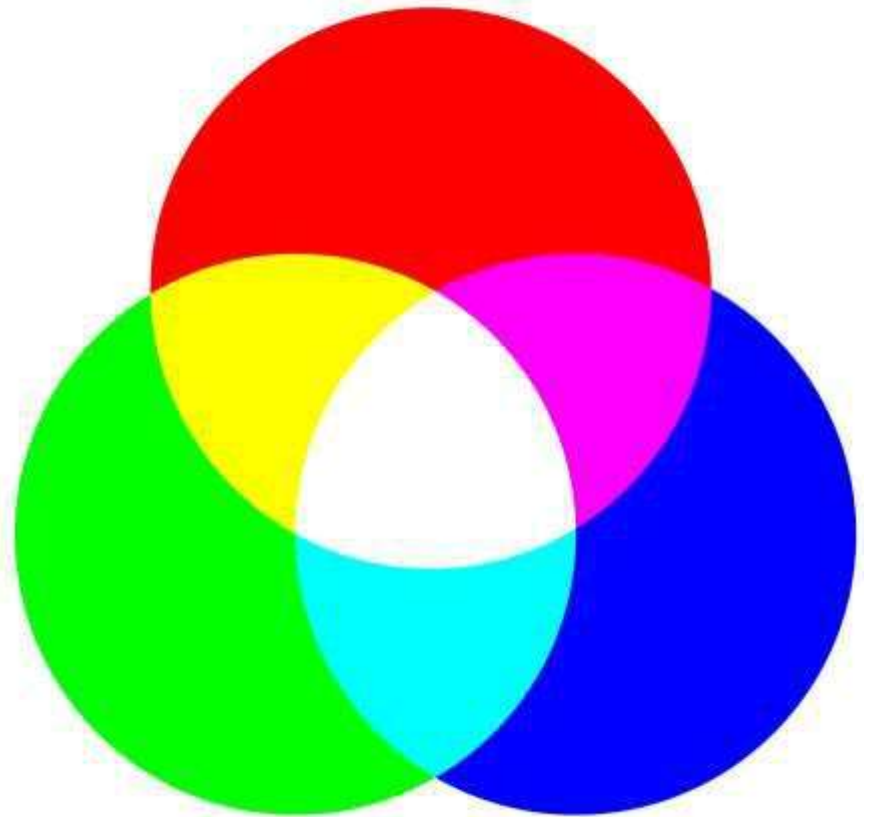
CMYK: **Cyan**, **Magenta**,
Yellow Key color

Allows to cover the maximum range

R- Red

G- Green

B – Blue



Intensity 0...255

0	1	1	0	1	0	0	1
---	---	---	---	---	---	---	---

ячейка из 8 разрядов


```
a:hover {color:lightblue}
```

1) Use predefined names: **red**, **blue**,
lightblue, **darkblue**

2) Used Hexadecimal code

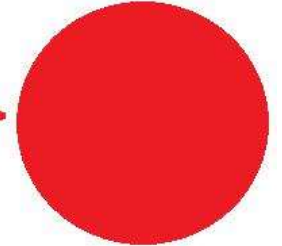
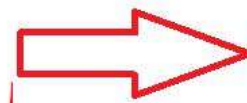
#ff0000, **#0000ff**,

#00A2E8, **#1F4E79**

```
a:hover  
  {color: #00A2E8}
```

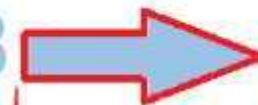
#ff0000

R G B



#00A2E8

R G B



3) *A 10-decimal code is used:*

rgb(255,0,0),rgb(0,0,255),rgb(0,162,232),rgb(31,78,121)

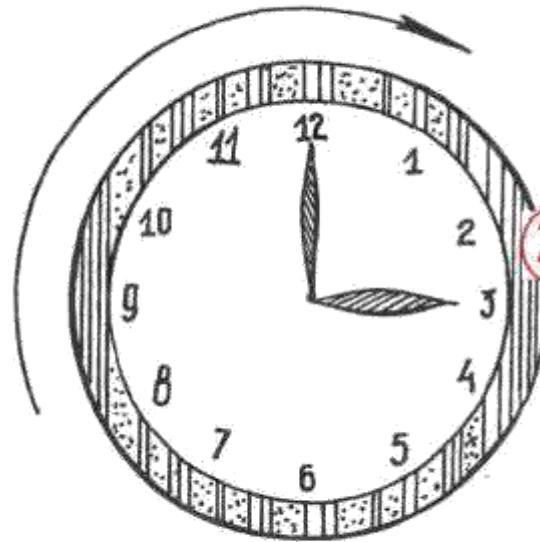
4) *Used %:*

rgb(100%,0%,0%),

rgb(0%,0%,100%)

① padding-top 25px

④ padding-left
100px;



② padding-right
50px

③ padding-bottom
75px

```
div {  
  padding: 25px 50px 75px 100px;  
}
```

①

②

③

④

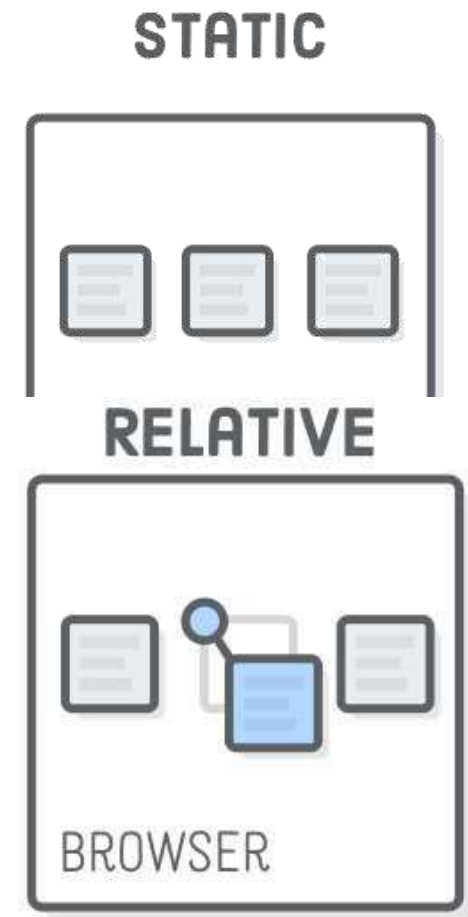
STATIC - Items are displayed as usual.

Look. https://www.w3schools.com/css/tryit.asp?filename=trycss_position_static

RELATIVE- The position of the element is set relative to its original place.

Adding the properties **left**, **top**, **right** and **bottom** changes the position of the element and shifts it in one direction or another from the original location.

Look. https://www.w3schools.com/css/tryit.asp?filename=trycss_position_relative

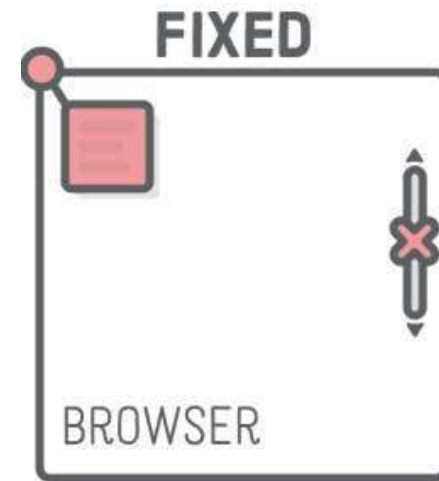
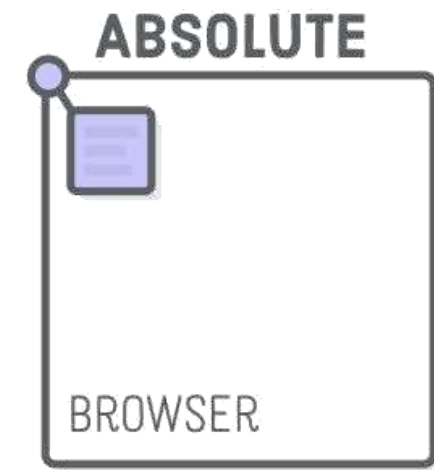


ABSOLUTE - indicates that the element is absolutely positioned, while other elements are displayed on the web page as if there was absolutely no positioned element. The position of the element is set by the **left**, **top**, **right**, and **bottom** properties, and the position property of the parent element also affects the **position**.

Look. https://www.w3schools.com/css/tryit.asp?filename=trycss_position_absolute

FIXED - in effect, this value is close to **ABSOLUTE**, but unlike it is attached to the specified properties **left**, **top**, **right** and **bottom** point on the screen and does not change its position when scrolling through a web page.

Look. https://www.w3schools.com/css/tryit.asp?filename=trycss_position_fixed



```
<style>
```

```
img {
```

```
    position: absolute;
```

```
    left: 2px;
```

```
    top: 10px;
```

```
    z-index: -1; //behind the text
```

```
} </style>
```

```
<body>
```

```
<b><font color="orange">z-index:-1;-behind the  
text</font></b>
```

```
<h1 style="color:lightgreen">HEADING</h1>
```

```

```



Look. https://www.w3schools.com/css/tryit.asp?filename=trycss_zindex

The fixed position (0,0) is the upper left corner.

background-image: - picture for background

background-repeat: - the image for the substrate should be repeated

font, font-family, font-size, font-weight, font-style: - work with fonts

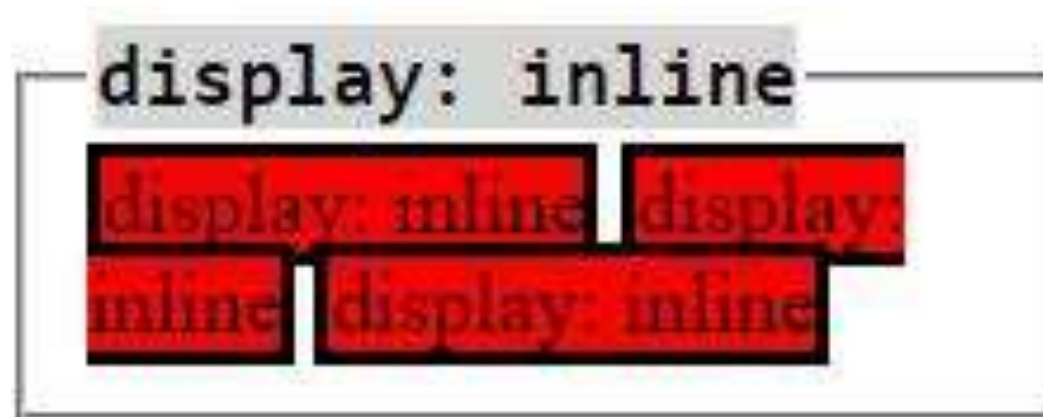
text-align, vertical-align: Alignment: center, left, right – text alignment

Properties visibility

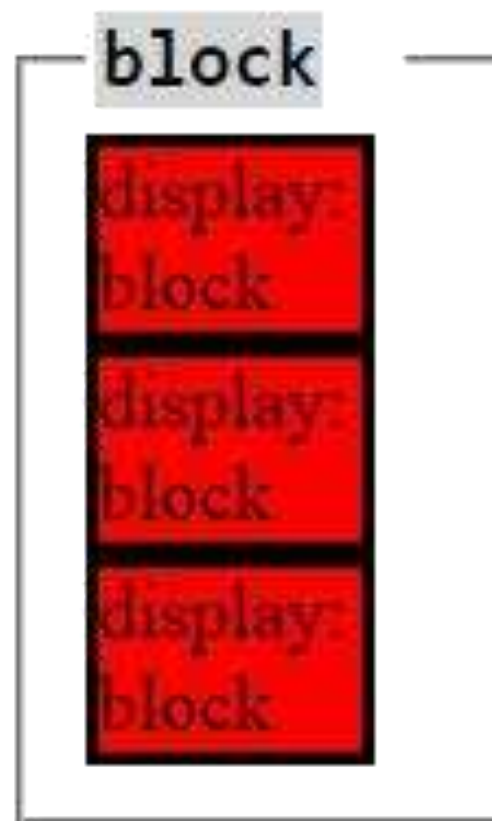
display: Not displayed

none;

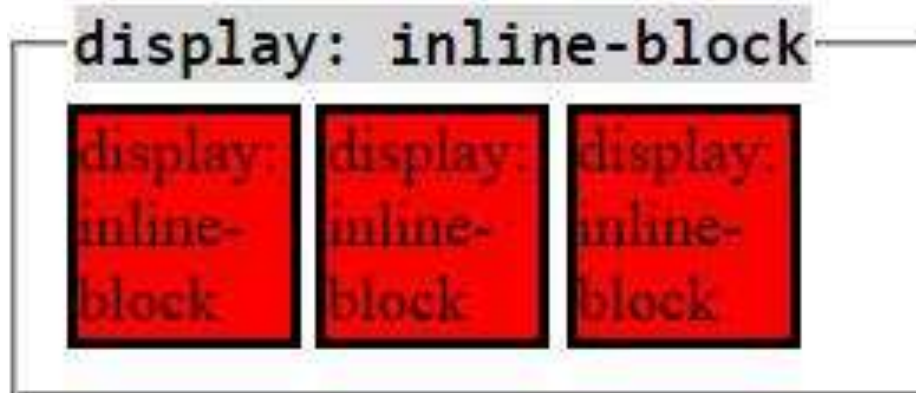
display:
inline;



display:
block;



display:
inline-block;



display: flex; flex container

display: grid; grid container

visibility:
hidden; Element was
hidden but place is
busy

visibility:
visible; Element is displayed