

Converting Colors

RGB(123, 170, 213)

Have a look what the booklet for
RGB(123, 170, 213) contains.

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Color

RGB(123, 170, 213)

Conversions

Conversions Part 1

Format	Color
Hex	7BAAD5
RGB	123, 170, 213
RGB Percent	48%, 67%, 84%
CMY	0.5176, 0.3333, 0.1647
CMYK	0.42, 0.20, 0.00, 0.16
HSL	209°, 52%, 66%
HSV	209°, 42%, 84%
XYZ	34.5533, 37.7645, 68.4189
YIQ	160.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

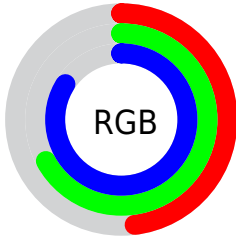
Format	Color
R _{YB}	123, 154, 213
Decimal	8104661
CIE _{Lab}	67.85, -4.56, -26.74
CIE _{LCh}	68, 27.127, 260.329
Yxy	37.7645, 0.2455, 0.2683
Android (android.graphics.Color)	4286294741 (0xFF7BAAD5)
YUV	160.8490, 25.7104, -33.1936
Hunter-Lab	61.4528, -7.1765, -22.9939

Details

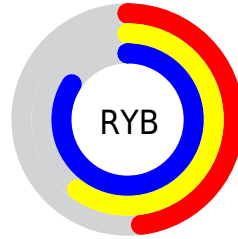
The RGB color **123, 170, 213** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **213, 166, 123**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **179, 225, 255**, and **68, 118, 158** is the 20% darker color. If you saturate the color by 10%, you get **102, 160, 213**, and if you desaturate by 10%, it is **144, 180, 213**.

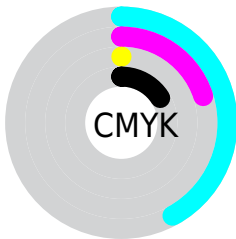
Distribution



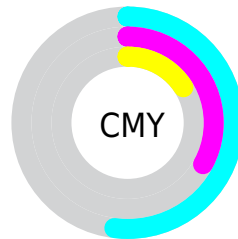
- Red (48%)
- Green (67%)
- Blue (84%)



- Red (48%)
- Yellow (60%)
- Blue (84%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 170, 213 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 123, 170, 213 by changing the saturation by 10% instead.

 123, 170, 213


255, 255, 255


 179, 225, 255

 207, 254, 255

 236, 255, 255

 123, 170, 213

 96, 144, 185

 68, 118, 158

 39, 93, 132

 0, 70, 107

 0, 48, 82

 0, 27, 59


 0, 2, 37

 0, 1, 14


 0, 0, 0

 123, 170, 213


 123, 170, 213

 102, 160, 213


 144, 180, 213

 80, 150, 213


 166, 190, 213

 59, 139, 213

 187, 201, 213

 38, 129, 213

 208, 211, 213

 17, 119, 213

 230, 221, 213

 0, 111, 213

 251, 231, 213

 255, 241, 213

 255, 251, 213

 255, 255, 213

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96, 176, 202



123, 170, 213



158, 162, 211

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



123, 170, 213



215, 148, 149



138, 175, 133

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



123, 170, 213



213, 166, 123

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



166, 169, 119



123, 170, 213



208, 153, 129

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



123, 170, 213



209, 148, 174



190, 161, 117



110, 178, 156

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



123, 170, 213



180, 156, 203



190, 161, 117



147, 173, 127

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



123, 170, 213



222, 239, 255



123, 213, 165



107, 118, 128



0, 0, 0



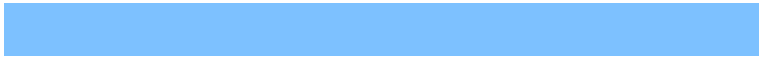
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123, 170, 213



125, 193, 255



123, 126, 213



96, 102, 107



0, 89, 171



0, 23, 43

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



213, 123, 170



255, 125, 193



213, 210, 123



107, 96, 102



171, 0, 89



43, 0, 23

Previews

White Background



This preview shows how the RGB color 123, 170, 213 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 123, 170, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

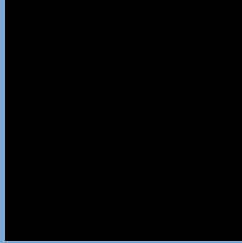
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

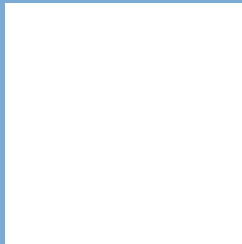
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 123, 170, 213 Background



This preview shows how black text looks on a background with the RGB color 123, 170, 213.

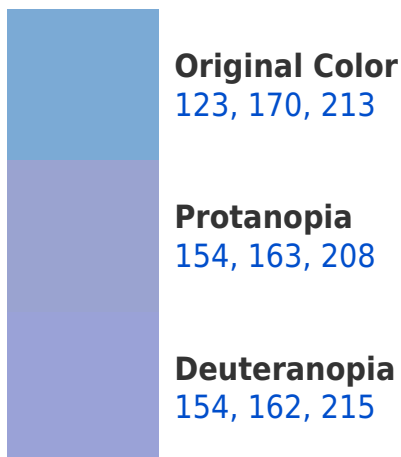


This preview shows how white text looks on a background with the RGB color 123, 170, 213.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

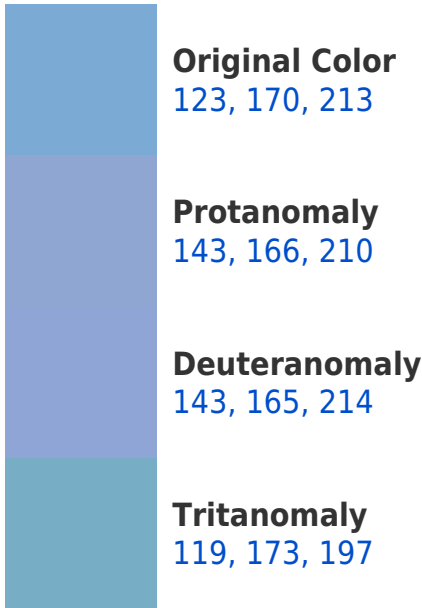
Dichromacy



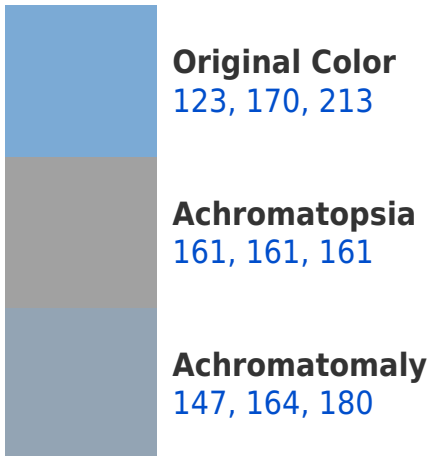


Tritanopia
116, 174, 188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 170, 213 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(123, 170, 213)` looks like.

```
.text, #text, p{  
    color:rgb(123, 170, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(123, 170, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 170, 213) }
```

Border

The CSS property to change the border of an element to RGB 123, 170, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 170, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(123, 170, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(123, 170, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 170, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 170, 213);  
box-shadow:4px 4px 4px 4px rgb(123, 170,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 123, 170, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 170, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(123,  
170, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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