

Converting Colors

RGB(105, 194, 213)

Have a look what the booklet for
RGB(105, 194, 213) contains.

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Color

RGB(105, 194, 213)

Conversions

Conversions Part 1

Format	Color
Hex	69C2D5
RGB	105, 194, 213
RGB Percent	41%, 76%, 84%
CMY	0.5882, 0.2392, 0.1647
CMYK	0.51, 0.09, 0.00, 0.16
HSL	191°, 56%, 62%
HSV	191°, 51%, 84%
XYZ	37.1277, 46.3909, 69.9483
YIQ	169.5550, -59.1430, -12.9590

Conversions

Conversions Part 2

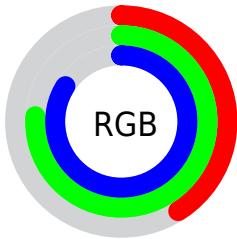
Format	Color
RYB	105, 154, 213
Decimal	6931157
CIELab	73.80, -21.56, -17.75
CIELCh	74, 27.925, 219.458
Yxy	46.3909, 0.2419, 0.3023
Android (android.graphics.Color)	4285121237 (0xFF69C2D5)
YUV	169.5550, 21.4184, -56.6147
Hunter-Lab	68.1109, -21.8924, -13.2118

Details

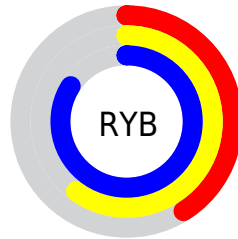
The RGB color **105, 194, 213** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **213, 124, 105**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **163, 251, 255**, and **42, 140, 158** is the 20% darker color. If you saturate the color by 10%, you get **84, 190, 213**, and if you desaturate by 10%, it is **126, 198, 213**.

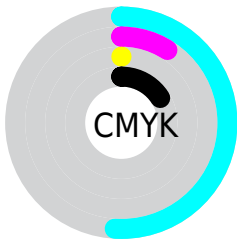
Distribution



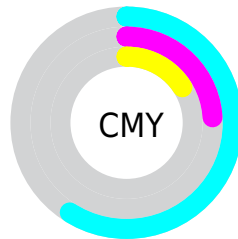
- Red (41%)
- Green (76%)
- Blue (84%)



- Red (41%)
- Yellow (60%)
- Blue (84%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 194, 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 105, 194, 213 by changing the saturation by 10% instead.

 105, 194, 213

255, 255, 255


 163, 251, 255


 192, 255, 255


 221, 255, 255

 251, 255, 255

 105, 194, 213

 75, 167, 185

 42, 140, 158

 0, 115, 132

 0, 90, 107

 0, 66, 83

 0, 43, 60

 0, 23, 38

 0, 1, 16

 0, 0, 0

■ 105, 194, 213

■ 105, 194, 213

■ 84, 190, 213

■ 126, 198, 213

■ 62, 187, 213

■ 148, 201, 213

■ 41, 183, 213

■ 169, 205, 213

■ 20, 179, 213

■ 190, 209, 213

■ 0, 176, 213

■ 212, 213, 213

■ 233, 216, 213

■ 254, 220, 213

■ 255, 224, 213

■ 255, 228, 213

Harmonies

Analogous

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



110, 196, 189



105, 194, 213



126, 189, 229

Triad

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



105, 194, 213



221, 165, 200



192, 182, 131

Complementary

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



105, 194, 213



213, 124, 105

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.



215, 174, 134



105, 194, 213



233, 163, 174

Square

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



105, 194, 213



196, 172, 221



230, 166, 150



163, 190, 141

Rectangle

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



105, 194, 213



149, 184, 232



230, 166, 150



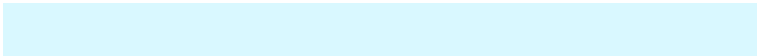
200, 180, 130

Sweetspot

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



105, 194, 213



217, 248, 255



105, 213, 123



105, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 194, 213



99, 228, 255



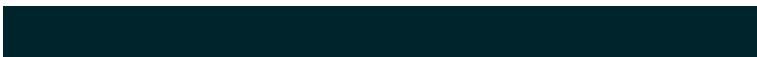
105, 141, 213



96, 105, 107



0, 141, 171



0, 36, 43

Inverse Universe

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



213, 105, 194



255, 99, 228



213, 177, 105



107, 96, 105



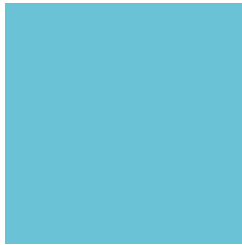
171, 0, 141



43, 0, 36

Previews

White Background



This preview shows how the RGB color 105, 194, 213 looks on a white background.

Color Contrast Check

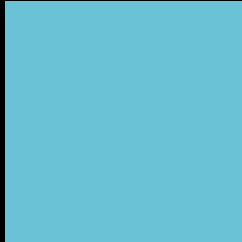
Large Text (above 18pt) WCAG AA × Fail

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 105, 194, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

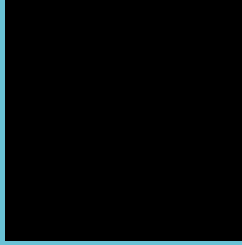
Any Text WCAG AA ✓ Pass

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 105, 194, 213 Background



This preview shows how black text looks on a background with the RGB color 105, 194, 213.

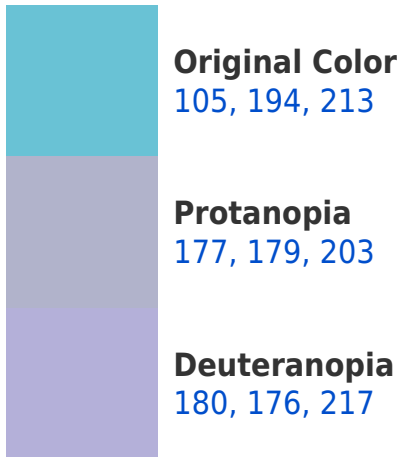


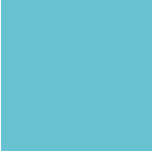
This preview shows how white text looks on a background with the RGB color 105, 194, 213.

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](#).

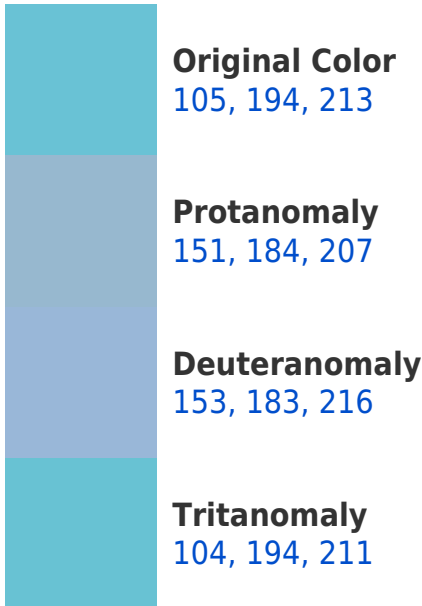
Dichromacy



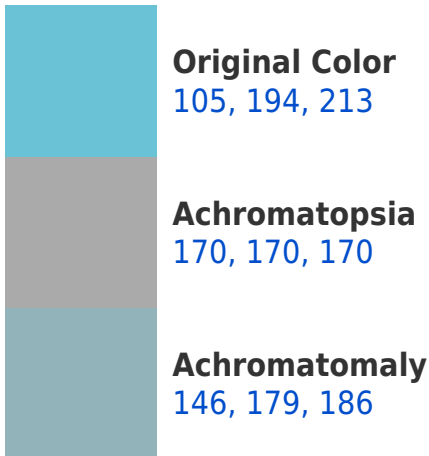


Tritanopia
104, 194, 210

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 194, 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(105, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(105, 194, 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(105, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 194, 213) }
```

Border

The CSS property to change the border of an element to RGB 105, 194, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

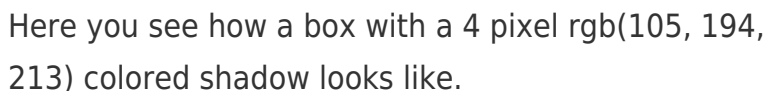
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 194, 213) }
```

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

```
.border{ border-color:rgb(105, 194, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 194, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 194, 213); box-shadow:4px 4px 4px 4px rgb(105, 194, 213) }
```

Background

The CSS property to change the background color of an element to RGB 105, 194, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 194, 213) }
```

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

```
.background{ background-color: rgb(105,  
194, 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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