

Converting Colors

RGB(105, 180, 194)

Have a look what the booklet for
RGB(105, 180, 194) contains.

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Color

RGB(105, 180, 194)

Conversions

Conversions Part 1

Format	Color
Hex	69B4C2
RGB	105, 180, 194
RGB Percent	41%, 71%, 76%
CMY	0.5882, 0.2941, 0.2392
CMYK	0.46, 0.07, 0.00, 0.24
HSL	189°, 42%, 59%
HSV	189°, 46%, 76%
XYZ	31.8846, 39.5408, 56.9906
YIQ	159.1710, -49.1940, -11.5460

Conversions

Conversions Part 2

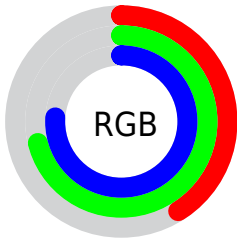
Format	Color
RYB	105, 146, 194
Decimal	6927554
CIELab	69.14, -19.57, -14.38
CIElCh	69, 24.289, 216.316
Yxy	39.5408, 0.2483, 0.3079
Android (android.graphics.Color)	4285117634 (0xFF69B4C2)
YUV	159.1710, 17.1707, -47.5080
Hunter-Lab	62.8815, -19.5328, -9.7185

Details

The RGB color **105, 180, 194** is a light color, and the websafe version is hex **669999**. A complement of this color would be **194, 119, 105**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **161, 236, 250**, and **47, 127, 140** is the 20% darker color. If you saturate the color by 10%, you get **86, 177, 194**, and if you desaturate by 10%, it is **124, 183, 194**.

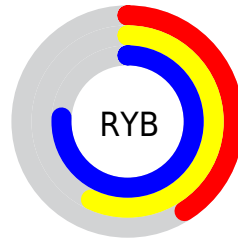
Distribution



Red (41%)

Green (71%)

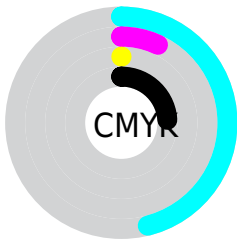
Blue (76%)



Red (41%)

Yellow (57%)

Blue (76%)

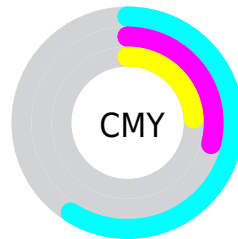


Cyan (46%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 180, 194 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, 180, 194 by changing the saturation by 10% instead.

 105, 180, 194

255, 255, 255


 161, 236, 250


 189, 255, 255


 218, 255, 255

 248, 255, 255

 105, 180, 194

 77, 153, 167

 47, 127, 140

 5, 102, 115

 0, 78, 90

 0, 55, 67

 0, 33, 45

 0, 1, 25

 0, 0, 0

 105, 180, 194

 105, 180, 194

86, 177, 194

124, 183, 194

66, 174, 194

144, 186, 194

47, 171, 194

163, 189, 194

27, 168, 194

183, 192, 194

8, 165, 194

202, 195, 194

0, 163, 194

221, 198, 194

241, 201, 194

255, 204, 194

255, 207, 194

Harmonies

Analogous

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



111, 181, 173



105, 180, 194



120, 176, 208

Triad

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



105, 180, 194



201, 155, 187



180, 169, 125

Complementary

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



105, 180, 194



194, 119, 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.



200, 161, 129



105, 180, 194



213, 153, 165

Square

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



105, 180, 194



178, 162, 204



212, 155, 144



156, 175, 133

Rectangle

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



105, 180, 194



138, 172, 212



212, 155, 144



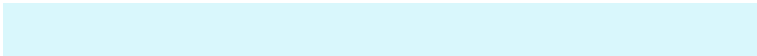
188, 166, 125

Sweetspot

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



105, 180, 194



217, 247, 252



105, 194, 118



106, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 180, 194



114, 231, 252



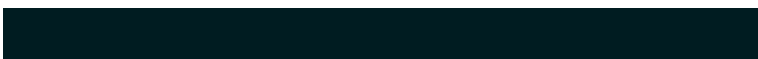
105, 136, 194



87, 95, 97



0, 135, 161



0, 28, 33

Inverse Universe

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



194, 105, 180



252, 114, 231



194, 163, 105



97, 87, 95



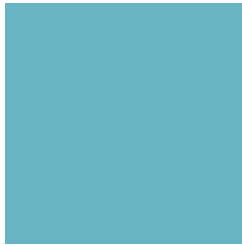
161, 0, 135



33, 0, 28

Previews

White Background



This preview shows how the RGB color 105, 180, 194 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, 180, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

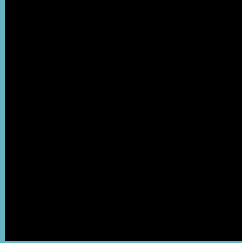
Any Text WCAG AA ✓ Pass

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, 180, 194 Background



This preview shows how black text looks on a background with the RGB color 105, 180, 194.



This preview shows how white text looks on a background with the RGB color 105, 180, 194.

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](#).

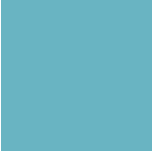
Dichromacy



Original Color
105, 180, 194

Protanopia
166, 167, 185

Deuteranopia
170, 164, 197



Tritanopia
105, 180, 194

Trichromacy



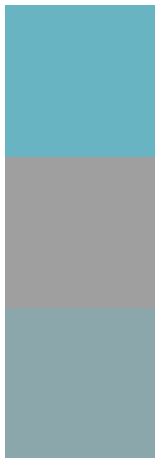
Original Color
105, 180, 194

Protanomaly
144, 172, 188

Deuteranomaly
146, 170, 196

Tritanomaly
105, 180, 194

Monochromacy



Original Color
105, 180, 194

Achromatopsia
159, 159, 159

Achromatomaly
139, 167, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 180, 194 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, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(105, 180, 194)  
}
```

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, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 180, 194) }
```

Border

The CSS property to change the border of an element to RGB 105, 180, 194 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, 180, 194) }
```

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

```
.border{ border-color:rgb(105, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(105, 180,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 105, 180, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 180, 194) }
```

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

```
.background{ background-color: rgb(105,  
180, 194) }
```

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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