

Converting Colors

RGB(105, 183, 188)

Have a look what the booklet for
RGB(105, 183, 188) contains.

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Color

RGB(105, 183, 188)

Conversions

Conversions Part 1	
Format	Color
Hex	69B7BC
RGB	105, 183, 188
RGB Percent	41%, 72%, 74%
CMY	0.5882, 0.2824, 0.2627
CMYK	0.44, 0.03, 0.00, 0.26
HSL	184°, 38%, 57%
HSV	184°, 44%, 74%
XYZ	31.8363, 40.5011, 53.7165
YIQ	160.2480, -48.0930, -14.9810

Conversions

Conversions Part 2

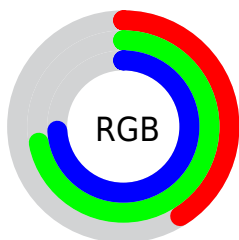
Format	Color
RYB	105, 145, 188
Decimal	6928316
CIELab	69.82, -22.69, -10.06
CIELCh	70, 24.823, 203.904
Yxy	40.5011, 0.2526, 0.3213
Android (android.graphics.Color)	4285118396 (0xFF69B7BC)
YUV	160.2480, 13.6817, -48.4525
Hunter-Lab	63.6405, -22.0757, -5.4961

Details

The RGB color **105, 183, 188** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **188, 110, 105**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **161, 239, 244**, and **48, 130, 135** is the 20% darker color. If you saturate the color by 10%, you get **86, 182, 188**, and if you desaturate by 10%, it is **124, 184, 188**.

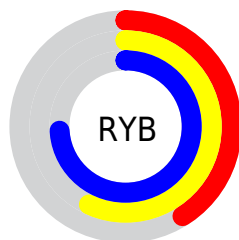
Distribution



Red (41%)

Green (72%)

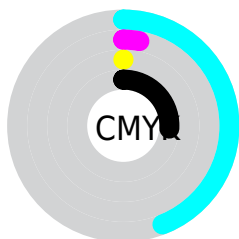
Blue (74%)



Red (41%)

Yellow (57%)

Blue (74%)

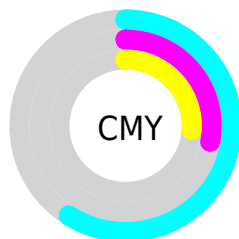


Cyan (44%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (59%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation

Gradients

These gradients show how the RGB color 105, 183, 188 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, 183, 188 by changing the saturation by 10% instead.

 105, 183, 188

255, 255, 255


 161, 239, 244

 189, 255, 255

 218, 255, 255

 248, 255, 255

 105, 183, 188

 77, 156, 161


 48, 130, 135

 7, 104, 110

 0, 80, 85

 0, 57, 62


 0, 35, 40

 0, 1, 20


 0, 0, 0

 105, 183, 188


 105, 183, 188


 86, 182, 188


 124, 184, 188


 67, 181, 188


 143, 185, 188


 49, 180, 188

 161, 186, 188

 30, 178, 188


 180, 188, 188

 11, 177, 188

 199, 189, 188

 0, 177, 188

 218, 190, 188

 237, 191, 188

 255, 192, 188

 255, 193, 188

Harmonies

Analogous

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



119, 183, 165



105, 183, 188



112, 180, 206

Triad

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



105, 183, 188



195, 159, 197



192, 168, 126

Complementary

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



105, 183, 188



188, 110, 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.



209, 160, 135



105, 183, 188



212, 155, 176

Square

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



105, 183, 188



168, 166, 212



217, 155, 153



168, 175, 129

Rectangle

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



105, 183, 188



127, 176, 213



217, 155, 153



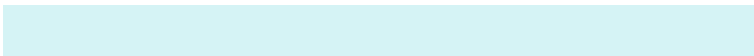
198, 165, 128

Sweetspot

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



105, 183, 188



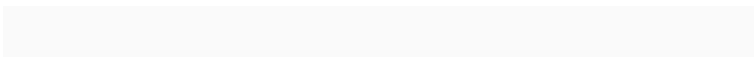
213, 243, 245



105, 188, 109



103, 121, 122



250, 250, 250



122, 122, 122

Same Dimension

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



105, 183, 188



115, 237, 245



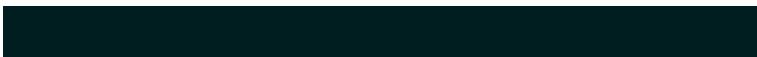
105, 142, 188



85, 94, 94



0, 149, 158



0, 29, 31

Inverse Universe

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



188, 105, 183



245, 115, 237



188, 151, 105



94, 85, 94



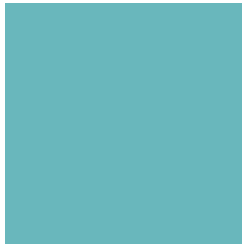
158, 0, 149



31, 0, 29

Previews

White Background



This preview shows how the RGB color 105, 183, 188 looks on a white background.

Color Contrast Check

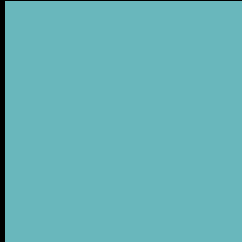
Large Text (above 18pt) WCAG AA × Fail

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, 183, 188 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

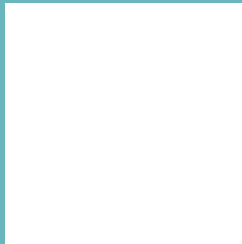
Any Text WCAG AAA ✓ Pass

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

RGB 105, 183, 188 Background



This preview shows how black text looks on a background with the RGB color 105, 183, 188.

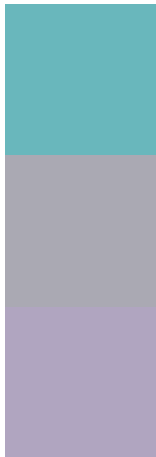


This preview shows how white text looks on a background with the RGB color 105, 183, 188.

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](#).

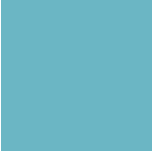
Dichromacy



Original Color
105, 183, 188

Protanopia
170, 169, 179

Deuteranopia
176, 165, 192



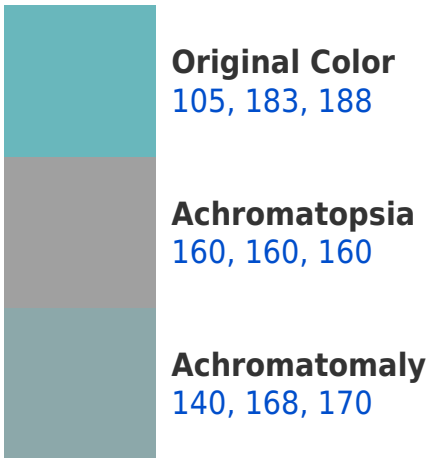
Tritanopia

107, 182, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 183, 188 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, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(105, 183, 188)  
}
```

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, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 183, 188) }
```

Border

The CSS property to change the border of an element to RGB 105, 183, 188 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, 183, 188) }
```

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

```
.border{ border-color:rgb(105, 183, 188) }
```

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

Here you see how a box with a 4 pixel rgb(105, 183, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(105, 183,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 105, 183, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 183, 188) }
```

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

```
.background{ background-color: rgb(105,  
183, 188) }
```

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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