

Converting Colors

RGB(105, 186, 170)

Have a look what the booklet for
RGB(105, 186, 170) contains.

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Color

RGB(105, 186, 170)

Conversions

Conversions Part 1

Format	Color
Hex	69BAAA
RGB	105, 186, 170
RGB Percent	41%, 73%, 67%
CMY	0.5882, 0.2706, 0.3333
CMYK	0.44, 0.00, 0.09, 0.27
HSL	168°, 37%, 57%
HSV	168°, 44%, 73%
XYZ	30.6403, 41.0233, 44.3336
YIQ	159.9570, -43.1400, -22.1480

Conversions

Conversions Part 2

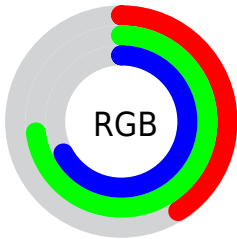
Format	Color
RYB	105, 150, 186
Decimal	6929066
CIELab	70.19, -28.68, 0.37
CIELCh	70, 28.683, 179.259
Yxy	41.0233, 0.2641, 0.3537
Android (android.graphics.Color)	4285119146 (0xFF69BAAA)
YUV	159.9570, 4.9512, -48.1973
Hunter-Lab	64.0495, -26.6949, 3.7954

Details

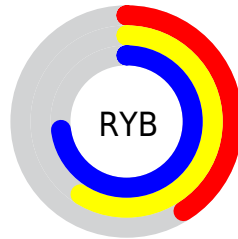
The RGB color **105, 186, 170** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **186, 105, 121**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **160, 242, 225**, and **49, 132, 118** is the 20% darker color. If you saturate the color by 10%, you get **86, 186, 166**, and if you desaturate by 10%, it is **124, 186, 174**.

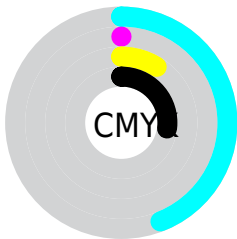
Distribution



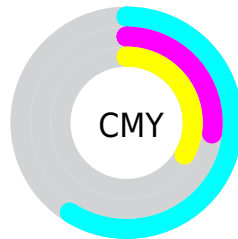
- Red (41%)
- Green (73%)
- Blue (67%)



- Red (41%)
- Yellow (59%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 186, 170 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, 186, 170 by changing the saturation by 10% instead.

 105, 186, 170

255, 255, 255


 160, 242, 225


 189, 255, 254


 217, 255, 255


 247, 255, 255

 105, 186, 170


 78, 159, 144

 49, 132, 118

 13, 107, 93

 0, 82, 70


 0, 59, 48

 0, 37, 27

 0, 1, 0

 0, 0, 0

 105, 186, 170

 105, 186, 170

■ 86, 186, 166

■ 124, 186, 174

■ 68, 186, 163

■ 142, 186, 177

■ 49, 186, 159

■ 161, 186, 181

■ 31, 186, 155

■ 179, 186, 185

■ 12, 186, 152

■ 198, 186, 188

■ 0, 186, 149

■ 217, 186, 192

■ 235, 186, 196

■ 254, 186, 199

■ 255, 186, 203

Harmonies

Analogous

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



133, 183, 144



105, 186, 170



90, 185, 196

Triad

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



105, 186, 170



175, 165, 217



212, 161, 128

Complementary

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



105, 186, 170



186, 105, 121

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.



223, 154, 147



105, 186, 170



204, 157, 199

Square

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



105, 186, 170



137, 174, 223



221, 152, 173



191, 170, 120

Rectangle

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



105, 186, 170



96, 183, 210



221, 152, 173



217, 158, 133

Sweetspot

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



105, 186, 170



211, 242, 236



121, 186, 105



103, 122, 119



250, 250, 250



122, 122, 122

Same Dimension

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



105, 186, 170



116, 242, 217



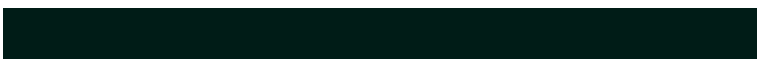
105, 162, 186



83, 92, 90



0, 156, 125



0, 28, 23

Inverse Universe

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



186, 105, 121



242, 116, 141



186, 129, 105



92, 83, 84



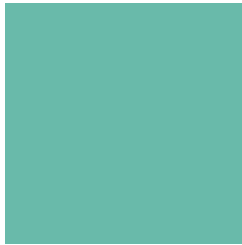
156, 0, 31



28, 0, 6

Previews

White Background



This preview shows how the RGB color 105, 186, 170 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, 186, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

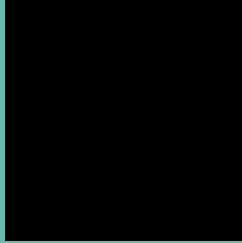
Any Text WCAG AA ✓ Pass

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, 186, 170 Background



This preview shows how black text looks on a background with the RGB color 105, 186, 170.



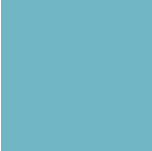
This preview shows how white text looks on a background with the RGB color 105, 186, 170.

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
112, 182, 197

Trichromacy



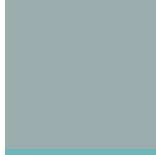
Original Color

105, 186, 170



Protanomaly

150, 176, 164



Deuteranomaly

156, 173, 173



Tritanomaly

109, 183, 187

Monochromacy



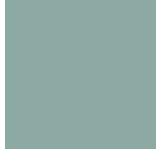
Original Color

105, 186, 170



Achromatopsia

160, 160, 160



Achromatomaly

140, 169, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 186, 170 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, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(105, 186, 170)  
}
```

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, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 186, 170) }
```

Border

The CSS property to change the border of an element to RGB 105, 186, 170 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, 186, 170) }
```

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

```
.border{ border-color:rgb(105, 186, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 186, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 186, 170);  
box-shadow:4px 4px 4px 4px rgb(105, 186,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 105, 186, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 186, 170) }
```

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

```
.background{ background-color: rgb(105,  
186, 170) }
```

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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