

Converting Colors

RGB(105, 175, 166)

Have a look what the booklet for
RGB(105, 175, 166) contains.

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Color

RGB(105, 175, 166)

Conversions

Conversions Part 1

Format	Color
Hex	69AFA6
RGB	105, 175, 166
RGB Percent	41%, 69%, 65%
CMY	0.5882, 0.3137, 0.3490
CMYK	0.40, 0.00, 0.05, 0.31
HSL	172°, 30%, 55%
HSV	172°, 40%, 69%
XYZ	28.0386, 36.4164, 41.6277
YIQ	153.0440, -38.8310, -17.6390

Conversions

Conversions Part 2

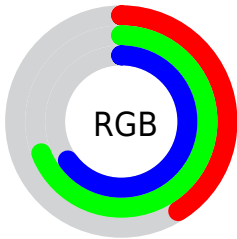
Format	Color
RYB	105, 142, 175
Decimal	6926246
CIELab	66.84, -24.21, -2.33
CIELCh	67, 24.322, 185.508
Yxy	36.4164, 0.2643, 0.3433
Android (android.graphics.Color)	4285116326 (0xFF69AFA6)
YUV	153.0440, 6.3873, -42.1346
Hunter-Lab	60.3460, -22.6689, 1.3430

Details

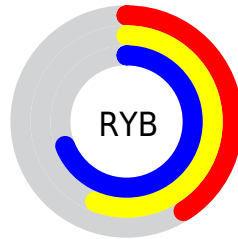
The RGB color **105, 175, 166** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **175, 105, 114**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **159, 231, 221**, and **51, 122, 114** is the 20% darker color. If you saturate the color by 10%, you get **88, 175, 164**, and if you desaturate by 10%, it is **122, 175, 168**.

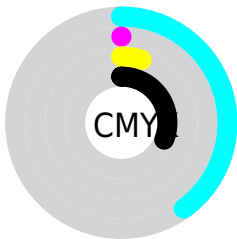
Distribution



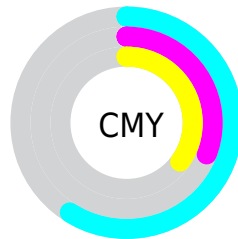
- Red (41%)
- Green (69%)
- Blue (65%)



- Red (41%)
- Yellow (56%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (59%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 175, 166 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, 175, 166 by changing the saturation by 10% instead.

 105, 175, 166

255, 255, 255


 159, 231, 221


 187, 255, 250

 216, 255, 255

 245, 255, 255

 105, 175, 166


 78, 148, 140

 51, 122, 114

 20, 97, 90


 0, 73, 66

 0, 50, 44


 0, 31, 24


 0, 0, 0


 105, 175, 166


 88, 175, 164

 105, 175, 166


 122, 175, 168

 70, 175, 161


 140, 175, 171

 53, 175, 159

 158, 175, 173


 35, 175, 157

 175, 175, 175

 17, 175, 155

 193, 175, 177

 0, 175, 152

 210, 175, 180

 228, 175, 182

 245, 175, 184

 255, 175, 186

Harmonies

Analogous

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



126, 173, 144



105, 175, 166



98, 174, 187

Triad

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



105, 175, 166



171, 156, 198



194, 155, 123

Complementary

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



105, 175, 166



175, 105, 114

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.



206, 149, 138



105, 175, 166



194, 149, 181

Square

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



105, 175, 166



141, 163, 206



206, 147, 159



175, 162, 119

Rectangle

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



105, 175, 166



106, 171, 198



206, 147, 159



199, 153, 127

Sweetspot

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



105, 175, 166



200, 227, 223



114, 175, 105



99, 115, 113



242, 242, 242



115, 115, 115

Same Dimension

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



105, 175, 166



118, 227, 213



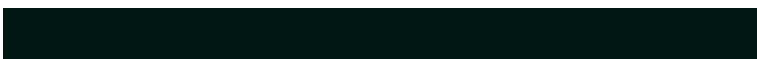
105, 149, 175



78, 87, 86



0, 150, 131



0, 23, 20

Inverse Universe

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



175, 105, 114



227, 118, 132



175, 131, 105



87, 78, 79



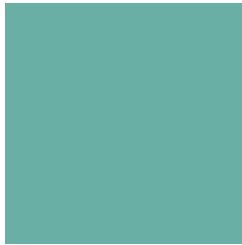
150, 0, 19



23, 0, 3

Previews

White Background



This preview shows how the RGB color 105, 175, 166 looks on a white background.

Color Contrast Check

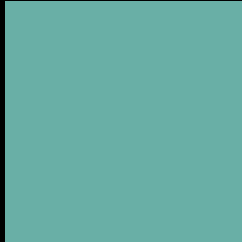
Large Text (above 18pt) WCAG AA × Fail

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, 175, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

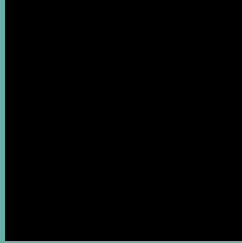
Any Text WCAG AA ✓ Pass

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, 175, 166 Background



This preview shows how black text looks on a background with the RGB color 105, 175, 166.

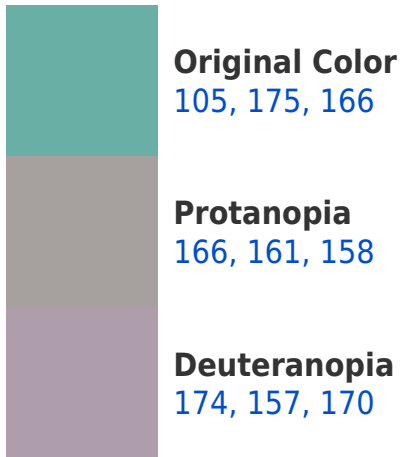


This preview shows how white text looks on a background with the RGB color 105, 175, 166.

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](#).

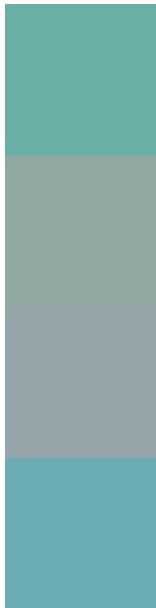
Dichromacy





Tritanopia
110, 172, 186

Trichromacy



Original Color

105, 175, 166

Protanomaly

144, 166, 161

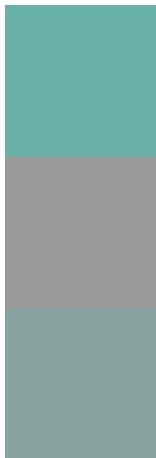
Deuteranomaly

149, 164, 169

Tritanomaly

108, 173, 179

Monochromacy



Original Color

105, 175, 166

Achromatopsia

153, 153, 153

Achromatomaly

136, 161, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 175, 166 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, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(105, 175, 166)  
}
```

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, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 175, 166) }
```

Border

The CSS property to change the border of an element to RGB 105, 175, 166 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, 175, 166) }
```

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

```
.border{ border-color:rgb(105, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(105, 175,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 105, 175, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 175, 166) }
```

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

```
.background{ background-color: rgb(105,  
175, 166) }
```

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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