

Converting Colors

RGB(105, 201, 168)

Have a look what the booklet for
RGB(105, 201, 168) contains.

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Color

RGB(105, 201, 168)

Conversions

Conversions Part 1

Format	Color
Hex	69C9A8
RGB	105, 201, 168
RGB Percent	41%, 79%, 66%
CMY	0.5882, 0.2118, 0.3412
CMYK	0.48, 0.00, 0.16, 0.21
HSL	159°, 47%, 60%
HSV	159°, 48%, 79%
XYZ	33.7802, 47.6037, 44.4538
YIQ	168.5340, -46.6230, -30.6150

Conversions

Conversions Part 2

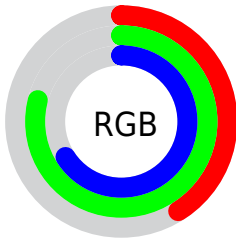
Format	Color
RYB	105, 163, 201
Decimal	6932904
CIELab	74.57, -36.24, 7.79
CIELCh	75, 37.065, 167.864
Yxy	47.6037, 0.2684, 0.3783
Android (android.graphics.Color)	4285122984 (0xFF69C9A8)
YUV	168.5340, -0.2633, -55.7193
Hunter-Lab	68.9954, -33.3483, 10.0962

Details

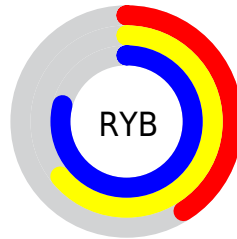
The RGB color **105, 201, 168** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 105, 138**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **161, 255, 223**, and **46, 146, 116** is the 20% darker color. If you saturate the color by 10%, you get **85, 201, 161**, and if you desaturate by 10%, it is **125, 201, 175**.

Distribution



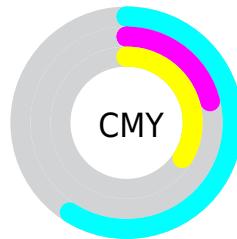
- Red (41%)
- Green (79%)
- Blue (66%)



- Red (41%)
- Yellow (64%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 201, 168 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, 201, 168 by changing the saturation by 10% instead.

 105, 201, 168

255, 255, 255


 161, 255, 223


 190, 255, 252


 219, 255, 255

 249, 255, 255

 105, 201, 168

 77, 173, 142

 46, 146, 116

 0, 120, 91

 0, 95, 68

 0, 70, 46

 0, 47, 25

 0, 25, 0

 0, 0, 0

 105, 201, 168

 105, 201, 168

 85, 201, 161

 125, 201, 175

 65, 201, 154

 145, 201, 182

 45, 201, 147

 165, 201, 189

 25, 201, 140

 185, 201, 196

 5, 201, 133

 206, 201, 203

 0, 201, 132

 226, 201, 209

 246, 201, 216

 255, 201, 223

 255, 201, 230

Harmonies

Analogous

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



147, 196, 137



105, 201, 168



65, 202, 203

Triad

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



105, 201, 168



168, 180, 248



242, 165, 134

Complementary

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



105, 201, 168



201, 105, 138

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.



251, 158, 164



105, 201, 168



213, 167, 229

Square

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



105, 201, 168



113, 191, 249



241, 159, 199



219, 177, 117

Rectangle

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



105, 201, 168



57, 200, 224



241, 159, 199



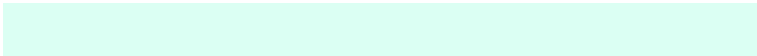
247, 162, 143

Sweetspot

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



105, 201, 168



219, 255, 243



139, 201, 105



106, 128, 120



0, 0, 0



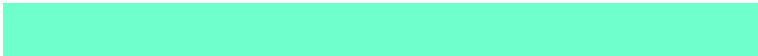
128, 128, 128

Same Dimension

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



105, 201, 168



110, 255, 205



105, 187, 201



90, 99, 96



0, 163, 107



0, 36, 23

Inverse Universe

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



201, 105, 138



255, 110, 160



201, 119, 105



99, 90, 93



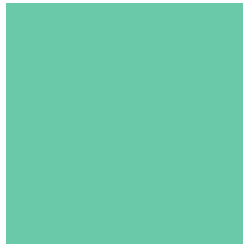
163, 0, 56



36, 0, 12

Previews

White Background



This preview shows how the RGB color 105, 201, 168 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, 201, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

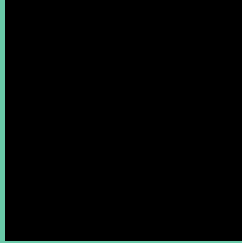
Any Text WCAG AA ✓ Pass

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, 201, 168 Background



This preview shows how black text looks on a background with the RGB color 105, 201, 168.

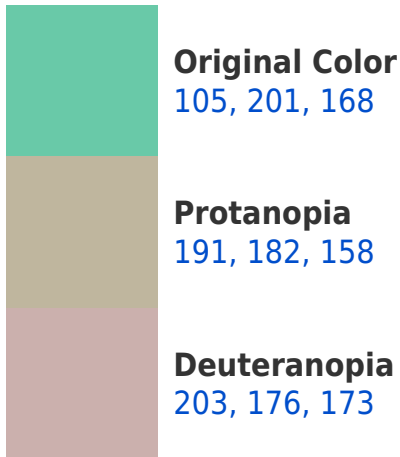


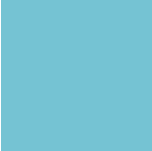
This preview shows how white text looks on a background with the RGB color 105, 201, 168.

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
117, 195, 211

Trichromacy



Original Color

105, 201, 168



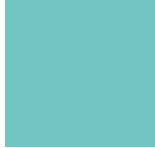
Protanomaly

160, 189, 162



Deuteranomaly

167, 185, 171



Tritanomaly

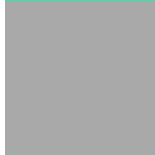
113, 197, 195

Monochromacy



Original Color

105, 201, 168



Achromatopsia

169, 169, 169



Achromatomaly

146, 181, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 201, 168 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, 201, 168)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 168)  
}
```

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, 201, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 168) }
```

Border

The CSS property to change the border of an element to RGB 105, 201, 168 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, 201, 168) }
```

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

```
.border{ border-color:rgb(105, 201, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 201, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 201, 168);  
box-shadow:4px 4px 4px 4px rgb(105, 201,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 105, 201, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 168) }
```

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

```
.background{ background-color: rgb(105,  
201, 168) }
```

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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