

Converting Colors

RGB(105, 201, 145)

Have a look what the booklet for
RGB(105, 201, 145) contains.

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Color

RGB(105, 201, 145)

Conversions

Conversions Part 1

Format	Color
Hex	69C991
RGB	105, 201, 145
RGB Percent	41%, 79%, 57%
CMY	0.5882, 0.2118, 0.4314
CMYK	0.48, 0.00, 0.28, 0.21
HSL	145°, 47%, 60%
HSV	145°, 48%, 79%
XYZ	31.8232, 46.8209, 34.1481
YIQ	165.9120, -39.2400, -37.7680

Conversions

Conversions Part 2

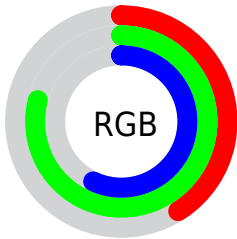
Format	Color
RYB	105, 173, 201
Decimal	6932881
CIELab	74.08, -41.06, 19.42
CIELCh	74, 45.421, 154.689
Yxy	46.8209, 0.2821, 0.4151
Android (android.graphics.Color)	4285122961 (0xFF69C991)
YUV	165.9120, -10.3096, -53.4198
Hunter-Lab	68.4258, -36.7291, 18.3092

Details

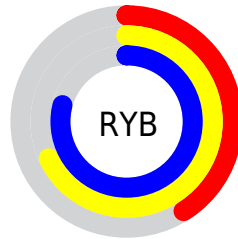
The RGB color **105, 201, 145** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 105, 161**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **161, 255, 199**, and **47, 146, 94** is the 20% darker color. If you saturate the color by 10%, you get **85, 201, 133**, and if you desaturate by 10%, it is **125, 201, 157**.

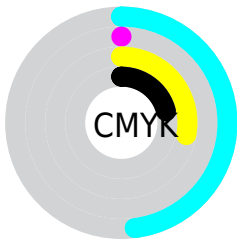
Distribution



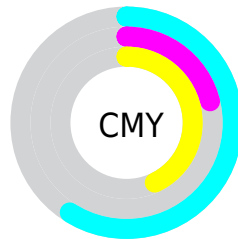
- Red (41%)
- Green (79%)
- Blue (57%)



- Red (41%)
- Yellow (68%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 201, 145 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, 145 by changing the saturation by 10% instead.

 105, 201, 145

255, 255, 255


 161, 255, 199

 190, 255, 227


 219, 255, 255


 248, 255, 255

 105, 201, 145

 77, 173, 119

 47, 146, 94

 3, 120, 70

 0, 95, 47

 0, 70, 26

 0, 47, 1

 0, 23, 0

 0, 0, 0

 105, 201, 145

 105, 201, 145

 85, 201, 133

 125, 201, 157

 65, 201, 122

 145, 201, 168

 45, 201, 110

 165, 201, 180

 25, 201, 98

 185, 201, 192

 5, 201, 86

 206, 201, 204

 0, 201, 84

 226, 201, 215

 246, 201, 227

 255, 201, 239

 255, 201, 251

Harmonies

Analogous

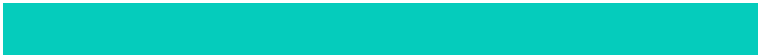
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158, 194, 112



105, 201, 145



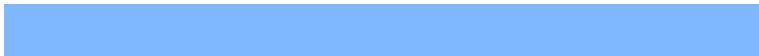
5, 204, 188

Triad

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



105, 201, 145



128, 184, 255



255, 154, 137

Complementary

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



105, 201, 145



201, 105, 161

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.



255, 148, 177



105, 201, 145



195, 169, 251

Square

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



105, 201, 145



9, 196, 255



240, 154, 219



237, 167, 107

Rectangle

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



105, 201, 145



0, 203, 216



240, 154, 219



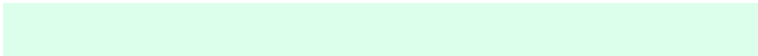
255, 151, 149

Sweetspot

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



105, 201, 145



219, 255, 234



161, 201, 105



106, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



105, 201, 145



110, 255, 170



105, 201, 193



90, 99, 94



0, 163, 68



0, 36, 15

Inverse Universe

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



201, 105, 161



255, 110, 194



201, 105, 113



99, 90, 95



163, 0, 95



36, 0, 21

Previews

White Background



This preview shows how the RGB color 105, 201, 145 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, 145 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, 145 Background



This preview shows how black text looks on a background with the RGB color 105, 201, 145.

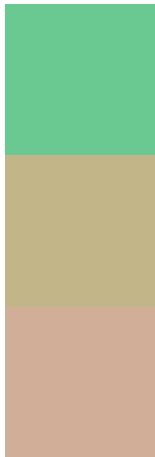


This preview shows how white text looks on a background with the RGB color 105, 201, 145.

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](#).

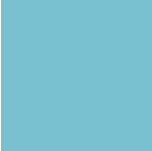
Dichromacy



Original Color
105, 201, 145

Protanopia
194, 181, 136

Deuteranopia
209, 174, 151



Tritanopia
121, 193, 208

Trichromacy



Original Color

105, 201, 145



Protanomaly

162, 188, 139



Deuteranomaly

171, 184, 149



Tritanomaly

115, 196, 185

Monochromacy



Original Color

105, 201, 145



Achromatopsia

166, 166, 166



Achromatomaly

144, 179, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 201, 145 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 145) }
```

Border

The CSS property to change the border of an element to RGB 105, 201, 145 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, 145) }
```

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

```
.border{ border-color:rgb(105, 201, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 201, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 201, 145);  
box-shadow:4px 4px 4px 4px rgb(105, 201,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 105, 201, 145 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, 145) }
```

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

```
.background{ background-color: rgb(105,  
201, 145) }
```

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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