

Converting Colors

RGB(105, 206, 144)

Have a look what the booklet for
RGB(105, 206, 144) contains.

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Color

RGB(105, 206, 144)

Conversions

Conversions Part 1

Format	Color
Hex	69CE90
RGB	105, 206, 144
RGB Percent	41%, 81%, 56%
CMY	0.5882, 0.1922, 0.4353
CMYK	0.49, 0.00, 0.30, 0.19
HSL	143°, 51%, 61%
HSV	143°, 49%, 81%
XYZ	32.9310, 49.1595, 34.1386
YIQ	168.7330, -40.2940, -40.6940

Conversions

Conversions Part 2

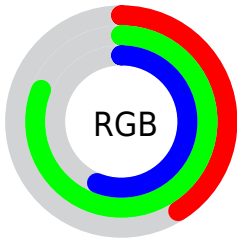
Format	Color
RYB	105, 178, 206
Decimal	6934160
CIELab	75.55, -43.44, 21.98
CIELCh	76, 48.680, 153.165
Yxy	49.1595, 0.2833, 0.4230
Android (android.graphics.Color)	4285124240 (0xFF69CE90)
YUV	168.7330, -12.1934, -55.8938
Hunter-Lab	70.1138, -38.8614, 20.2112

Details

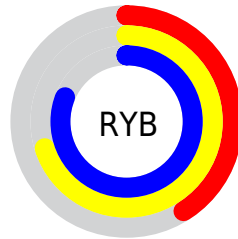
The RGB color **105, 206, 144** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **206, 105, 167**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **162, 255, 198**, and **46, 151, 93** is the 20% darker color. If you saturate the color by 10%, you get **84, 206, 131**, and if you desaturate by 10%, it is **126, 206, 157**.

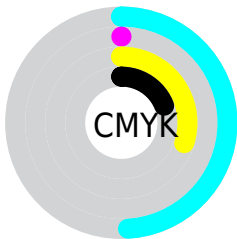
Distribution



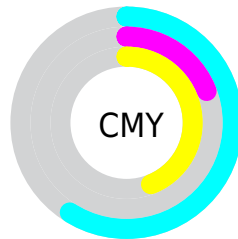
- Red (41%)
- Green (81%)
- Blue (56%)



- Red (41%)
- Yellow (70%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 206, 144 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, 206, 144 by changing the saturation by 10% instead.

 105, 206, 144

255, 255, 255


 162, 255, 198

 190, 255, 226


 219, 255, 255


 249, 255, 255

 105, 206, 144

 76, 178, 118

 46, 151, 93

 0, 124, 69

 0, 99, 46

 0, 74, 24

 0, 50, 0

 0, 28, 0

 0, 0, 0

 105, 206, 144

 105, 206, 144

■ 84, 206, 131

■ 126, 206, 157

■ 64, 206, 119

■ 146, 206, 169

■ 43, 206, 106

■ 167, 206, 182

■ 23, 206, 93

■ 187, 206, 195

■ 2, 206, 81

■ 208, 206, 207

■ 0, 206, 80

■ 229, 206, 220

■ 249, 206, 233

■ 255, 206, 245

■ 255, 206, 255

Harmonies

Analogous

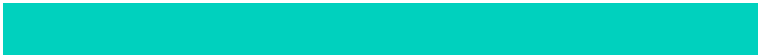
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 198, 109



105, 206, 144



0, 209, 190

Triad

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



105, 206, 144



121, 189, 255



255, 155, 139

Complementary

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



105, 206, 144



206, 105, 167

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, 149, 183



105, 206, 144



196, 173, 255

Square

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



105, 206, 144



0, 201, 255



246, 157, 227



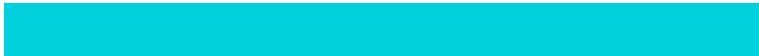
246, 169, 107

Rectangle

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



105, 206, 144



0, 209, 220



246, 157, 227



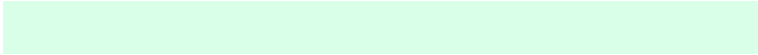
255, 152, 153

Sweetspot

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



105, 206, 144



217, 255, 232



167, 206, 105



105, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



105, 206, 144



105, 255, 163



105, 206, 194



92, 102, 96



0, 166, 64



0, 38, 15

Inverse Universe

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



206, 105, 167



255, 105, 197



206, 105, 117



102, 92, 98



166, 0, 102



38, 0, 23

Previews

White Background



This preview shows how the RGB color 105, 206, 144 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, 206, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

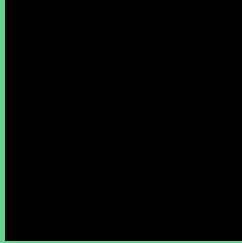
Any Text WCAG AA ✓ Pass

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, 206, 144 Background



This preview shows how black text looks on a background with the RGB color 105, 206, 144.

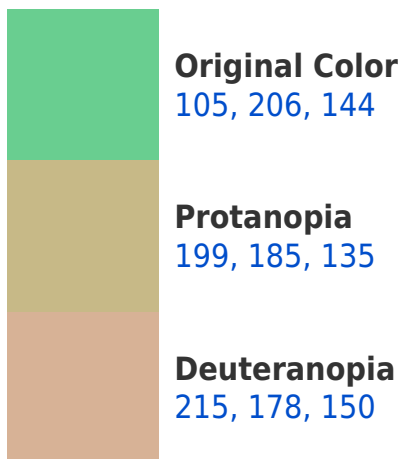


This preview shows how white text looks on a background with the RGB color 105, 206, 144.

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
122, 197, 213

Trichromacy



Original Color

105, 206, 144



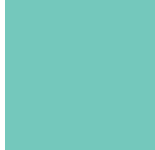
Protanomaly

165, 193, 138



Deuteranomaly

175, 188, 148



Tritanomaly

116, 200, 188

Monochromacy



Original Color

105, 206, 144



Achromatopsia

169, 169, 169



Achromatomaly

146, 182, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 206, 144 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, 206, 144)` looks like.

```
.text, #text, p{  
    color:rgb(105, 206, 144)  
}
```

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, 206, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 206, 144) }
```

Border

The CSS property to change the border of an element to RGB 105, 206, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

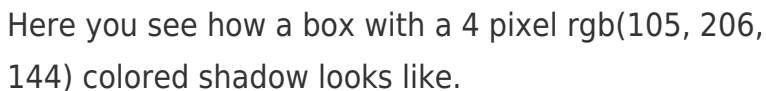
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 206, 144) }
```

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

```
.border{ border-color:rgb(105, 206, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 206, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 206, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 206, 144); box-shadow:4px 4px 4px 4px rgb(105, 206, 144) }
```

Background

The CSS property to change the background color of an element to RGB 105, 206, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 206, 144) }
```

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

```
.background{ background-color: rgb(105,  
206, 144) }
```

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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