

Converting Colors

RGB(107, 242, 183)

Have a look what the booklet for
RGB(107, 242, 183) contains.

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Color

RGB(107, 242, 183)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BF2B7 |
| RGB | 107, 242, 183 |
| RGB Percent | 42%, 95%, 72% |
| CMY | 0.5804, 0.0510, 0.2824 |
| CMYK | 0.56, 0.00, 0.24, 0.05 |
| HSL | 154°, 84%, 68% |
| HSV | 154°, 56%, 95% |
| XYZ | 46.3628, 70.0490, 55.8770 |
| YIQ | 194.9090, -61.5210, -46.9690 |

Conversions

Conversions Part 2

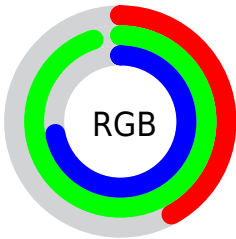
| Format | Color |
|-------------------------------------|---|
| RYB | 107, 193, 242 |
| Decimal | 7074487 |
| CIELab | 87.02, -50.46, 17.50 |
| CIELCh | 87, 53.411, 160.875 |
| Yxy | 70.0490, 0.2691, 0.4066 |
| Android (android.graphics.Color) | 4285264567 (0xFF6BF2B7) |
| YUV | 194.9090, -5.8711, -77.0962 |
| Hunter-Lab | 83.6953, -47.5871, 19.0032 |

Details

The RGB color **107, 242, 183** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **242, 107, 166**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **167, 255, 239**, and **36, 185, 130** is the 20% darker color. If you saturate the color by 10%, you get **83, 242, 172**, and if you desaturate by 10%, it is **131, 242, 194**.

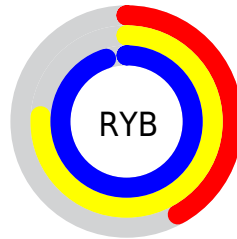
Distribution



Red (42%)

Green (95%)

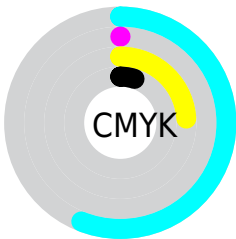
Blue (72%)



Red (42%)

Yellow (76%)

Blue (95%)

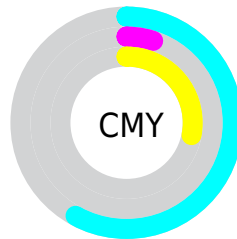


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (58%)

Magenta (5%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 242, 183 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 107, 242, 183 by changing the saturation by 10% instead.

 107, 242, 183

255, 255, 255


 167, 255, 239

 197, 255, 255


 227, 255, 255


 107, 242, 183

 75, 213, 156

 36, 185, 130

 0, 157, 105

 0, 131, 80

 0, 104, 57

 0, 79, 35

 0, 55, 14


 0, 32, 0

 0, 0, 0

 107, 242, 183

 107, 242, 183


 83, 242, 172

 131, 242, 194

 59, 242, 162

 155, 242, 204

 34, 242, 151

 180, 242, 215

 10, 242, 141

 204, 242, 225

 0, 242, 136

 228, 242, 236

 252, 242, 246

 255, 242, 255

Harmonies

Analogous

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



176, 234, 139



107, 242, 183



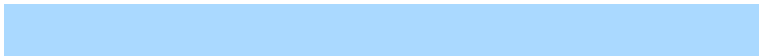
0, 245, 235

Triad

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



107, 242, 183



170, 217, 255



255, 186, 154

Complementary

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



107, 242, 183



242, 107, 166

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, 177, 201



107, 242, 183



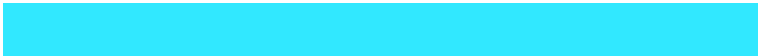
247, 198, 255

Square

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



107, 242, 183



49, 232, 255



255, 182, 252



255, 204, 122

Rectangle

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



107, 242, 183



0, 243, 255



255, 182, 252



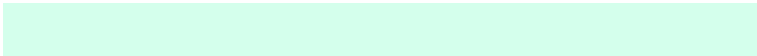
255, 182, 169

Sweetspot

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



107, 242, 183



212, 255, 236



168, 242, 107



102, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



107, 242, 183



84, 255, 180



107, 235, 242



108, 120, 115



0, 184, 103



0, 56, 32

Inverse Universe

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



242, 107, 166



255, 84, 159



242, 114, 107



120, 108, 113



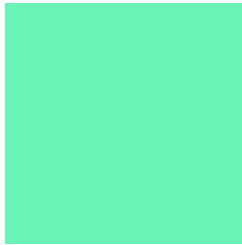
184, 0, 80



56, 0, 25

Previews

White Background



This preview shows how the RGB color 107, 242, 183 looks on a white background.

Color Contrast Check

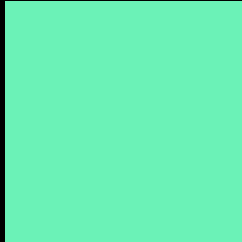
Large Text (above 18pt) WCAG AA × Fail

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 107, 242, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

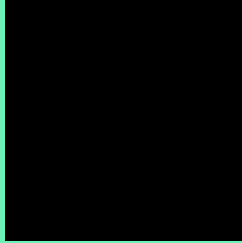
Any Text WCAG AA ✓ Pass

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 107, 242, 183 Background



This preview shows how black text looks on a background with the RGB color 107, 242, 183.

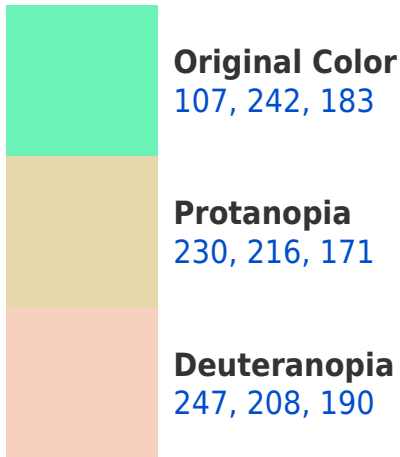


This preview shows how white text looks on a background with the RGB color 107, 242, 183.

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
128, 233, 252

Trichromacy



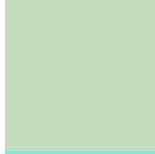
Original Color

107, 242, 183



Protanomaly

185, 225, 175



Deuteranomaly

196, 220, 187



Tritanomaly

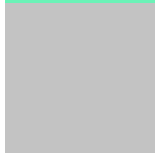
120, 236, 227

Monochromacy



Original Color

107, 242, 183



Achromatopsia

195, 195, 195



Achromatomaly

163, 212, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 242, 183 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(107, 242, 183)` looks like.

```
.text, #text, p{  
    color:rgb(107, 242, 183)  
}
```

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(107, 242, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 242, 183) }
```

Border

The CSS property to change the border of an element to RGB 107, 242, 183 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(107, 242, 183) }
```

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

```
.border{ border-color:rgb(107, 242, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 242, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 242, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 242, 183);  
box-shadow:4px 4px 4px 4px rgb(107, 242,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 107, 242, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 242, 183) }
```

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

```
.background{ background-color: rgb(107,  
242, 183) }
```

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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