

Converting Colors

RGB(76, 235, 190)

Have a look what the booklet for
RGB(76, 235, 190) contains.

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Color

RGB(76, 235, 190)

Conversions

Conversions Part 1

Format	Color
Hex	4CEBBE
RGB	76, 235, 190
RGB Percent	30%, 92%, 75%
CMY	0.7020, 0.0784, 0.2549
CMYK	0.68, 0.00, 0.19, 0.08
HSL	163°, 80%, 61%
HSV	163°, 68%, 92%
XYZ	41.9831, 64.6709, 58.9852
YIQ	182.3290, -80.3190, -47.7030

Conversions

Conversions Part 2

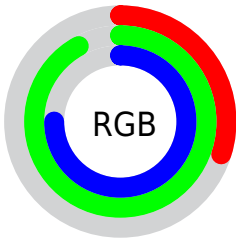
Format	Color
RYB	76, 169, 235
Decimal	5041086
CIELab	84.31, -51.60, 9.92
CIELCh	84, 52.545, 169.122
Yxy	64.6709, 0.2535, 0.3904
Android (android.graphics.Color)	4283231166 (0xFF4CEBBE)
YUV	182.3290, 3.7818, -93.2505
Hunter-Lab	80.4182, -47.5442, 12.8047

Details

The RGB color **76, 235, 190** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **235, 76, 121**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **142, 255, 246**, and **0, 178, 137** is the 20% darker color. If you saturate the color by 10%, you get **52, 235, 183**, and if you desaturate by 10%, it is **100, 235, 197**.

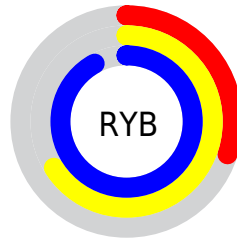
Distribution



Red (30%)

Green (92%)

Blue (75%)



Red (30%)

Yellow (66%)

Blue (92%)

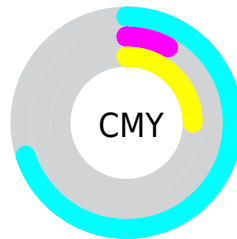


Cyan (68%)

Magenta (0%)

Yellow (19%)

Black (8%)



Cyan (70%)

















Magenta (8%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 235, 190 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 76, 235, 190 by changing the saturation by 10% instead.

 76, 235, 190	 76, 235, 190
 255, 255, 255	 30, 206, 163
 142, 255, 246	 0, 178, 137
 173, 255, 255	 0, 151, 111
 204, 255, 255	 0, 124, 87
 235, 255, 255	 0, 98, 64
	 0, 73, 41
	 0, 50, 21
	 0, 24, 0
	 0, 0, 0

 76, 235, 190

 76, 235, 190

 52, 235, 183

 100, 235, 197

 29, 235, 177

 123, 235, 203

 5, 235, 170

 147, 235, 210

 0, 235, 168

 170, 235, 217

 193, 235, 223

 217, 235, 230

 240, 235, 237

 255, 235, 243

 255, 235, 250

Harmonies

Analogous

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



153, 229, 143



76, 235, 190



0, 236, 241

Triad

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



76, 235, 190



187, 204, 255



255, 184, 137

Complementary

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



76, 235, 190



235, 76, 121

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, 171, 180



76, 235, 190



254, 186, 255

Square

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



76, 235, 190



87, 221, 255



255, 172, 231



255, 201, 112

Rectangle

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



76, 235, 190



0, 234, 255



255, 172, 231



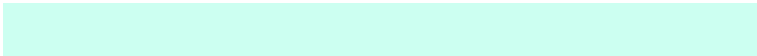
255, 179, 150

Sweetspot

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



76, 235, 190



204, 255, 241



121, 235, 76



97, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



76, 235, 190



48, 255, 197



76, 201, 235



106, 117, 114



0, 181, 130



0, 54, 38

Inverse Universe

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



235, 76, 121



255, 48, 107



235, 110, 76



117, 106, 109



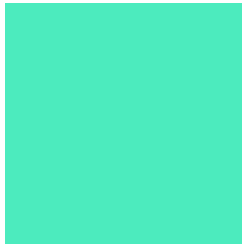
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 76, 235, 190 looks on a white background.

Color Contrast Check

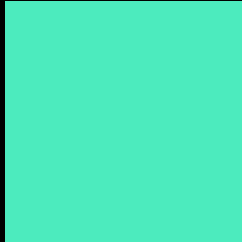
Large Text (above 18pt) WCAG AA × Fail

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 76, 235, 190 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

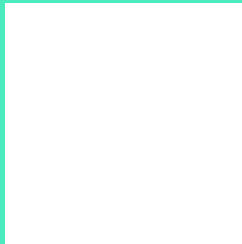
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 76, 235, 190 Background



This preview shows how black text looks on a background with the RGB color 76, 235, 190.

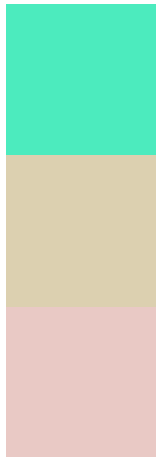


This preview shows how white text looks on a background with the RGB color 76, 235, 190.

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](#).

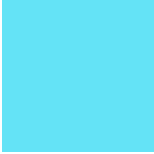
Dichromacy



Original Color
76, 235, 190

Protanopia
220, 208, 176

Deuteranopia
233, 201, 197



Tritanopia
100, 227, 246

Trichromacy



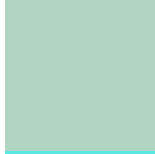
Original Color

76, 235, 190



Protanomaly

168, 218, 181



Deuteranomaly

176, 213, 194



Tritanomaly

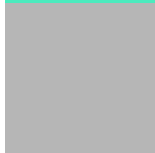
91, 230, 226

Monochromacy



Original Color

76, 235, 190



Achromatopsia

182, 182, 182



Achromatomaly

143, 201, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 235, 190 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(76, 235, 190)` looks like.

```
.text, #text, p{  
    color:rgb(76, 235, 190)  
}
```

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(76, 235, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 235, 190) }
```

Border

The CSS property to change the border of an element to RGB 76, 235, 190 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(76, 235, 190) }
```

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

```
.border{ border-color:rgb(76, 235, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 235, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 235, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 235, 190);  
box-shadow:4px 4px 4px 4px rgb(76, 235,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 76, 235, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 235, 190) }
```

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

```
.background{ background-color: rgb(76, 235,  
190) }
```

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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