

Converting Colors

RGB(76, 237, 203)

Have a look what the booklet for
RGB(76, 237, 203) contains.

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Color

RGB(76, 237, 203)

Conversions

Conversions Part 1

Format	Color
Hex	4CEDCB
RGB	76, 237, 203
RGB Percent	30%, 93%, 80%
CMY	0.7020, 0.0706, 0.2039
CMYK	0.68, 0.00, 0.14, 0.07
HSL	167°, 82%, 61%
HSV	167°, 68%, 93%
XYZ	44.0442, 66.4167, 66.9982
YIQ	184.9850, -85.0420, -44.7060

Conversions

Conversions Part 2

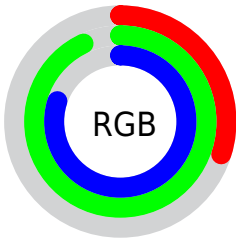
Format	Color
RYB	76, 166, 237
Decimal	5041611
CIELab	85.21, -49.32, 4.39
CIELCh	85, 49.519, 174.917
Yxy	66.4167, 0.2482, 0.3743
Android (android.graphics.Color)	4283231691 (0xFF4CEDCB)
YUV	184.9850, 8.8814, -95.5798
Hunter-Lab	81.4964, -46.1497, 8.3052

Details

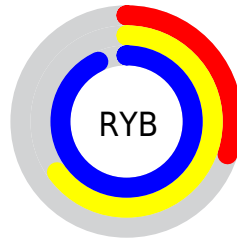
The RGB color **76, 237, 203** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **237, 76, 110**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **143, 255, 255**, and **0, 180, 149** is the 20% darker color. If you saturate the color by 10%, you get **52, 237, 198**, and if you desaturate by 10%, it is **100, 237, 208**.

Distribution



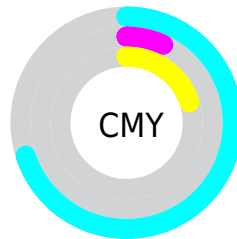
- Red (30%)
- Green (93%)
- Blue (80%)



- Red (30%)
- Yellow (65%)
- Blue (93%)



- Cyan (68%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



















- Cyan (70%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 237, 203 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, 237, 203 by changing the saturation by 10% instead.

 76, 237, 203	 76, 237, 203
 255, 255, 255	 28, 208, 176
 143, 255, 255	 0, 180, 149
 174, 255, 255	 0, 153, 123
 205, 255, 255	 0, 126, 98
 236, 255, 255	 0, 100, 75
	 0, 75, 52
	 0, 51, 31
	 0, 27, 7
	 0, 0, 0

 76, 237, 203

 76, 237, 203

 52, 237, 198

 100, 237, 208

 29, 237, 193

 123, 237, 213

 5, 237, 188

 147, 237, 218

 0, 237, 187

 171, 237, 223

 195, 237, 228

 218, 237, 233

 242, 237, 238

 255, 237, 243

 255, 237, 248

Harmonies

Analogous

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



148, 232, 157



76, 237, 203



0, 237, 251

Triad

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



76, 237, 203



206, 204, 255



255, 191, 138

Complementary

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



76, 237, 203



237, 76, 110

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, 178, 176



76, 237, 203



255, 187, 255

Square

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



76, 237, 203



124, 220, 255



255, 176, 223



250, 207, 119

Rectangle

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



76, 237, 203



0, 234, 255



255, 176, 223



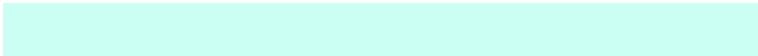
255, 186, 149

Sweetspot

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



76, 237, 203



204, 255, 244



111, 237, 76



97, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



76, 237, 203



46, 255, 211



76, 191, 237



106, 117, 115



0, 181, 143



0, 54, 42

Inverse Universe

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



237, 76, 110



255, 46, 90



237, 122, 76



117, 106, 108



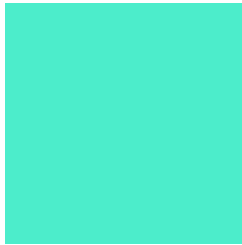
181, 0, 38



54, 0, 11

Previews

White Background



This preview shows how the RGB color 76, 237, 203 looks on a white background.

Color Contrast Check

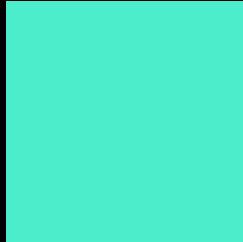
Large Text (above 18pt) WCAG AA × Fail

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, 237, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

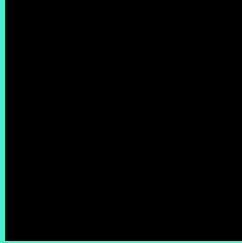
Any Text WCAG AA ✓ Pass

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, 237, 203 Background



This preview shows how black text looks on a background with the RGB color 76, 237, 203.

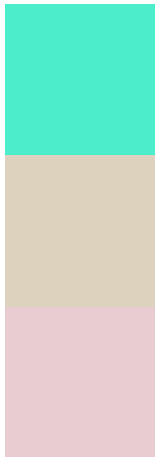


This preview shows how white text looks on a background with the RGB color 76, 237, 203.

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, 237, 203

Protanopia
220, 210, 189

Deuteranopia
232, 204, 210



Tritanopia
97, 230, 249

Trichromacy



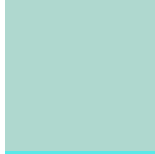
Original Color

76, 237, 203



Protanomaly

168, 220, 194



Deuteranomaly

175, 216, 207



Tritanomaly

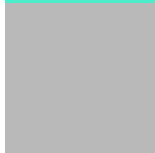
89, 233, 232

Monochromacy



Original Color

76, 237, 203



Achromatopsia

185, 185, 185



Achromatomaly

145, 204, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 237, 203 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, 237, 203)` looks like.

```
.text, #text, p{  
    color:rgb(76, 237, 203)  
}
```

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, 237, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 237, 203) }
```

Border

The CSS property to change the border of an element to RGB 76, 237, 203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

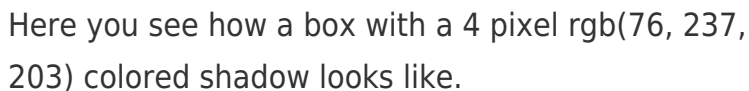
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 237, 203) }
```

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

```
.border{ border-color:rgb(76, 237, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 237, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 237, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 237, 203); box-shadow:4px 4px 4px 4px rgb(76, 237, 203) }
```

Background

The CSS property to change the background color of an element to RGB 76, 237, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 237, 203) }
```

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

```
.background{ background-color: rgb(76, 237,  
203) }
```

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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