

Converting Colors

RGB(76, 219, 217)

Have a look what the booklet for
RGB(76, 219, 217) contains.

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Color

RGB(76, 219, 217)

Conversions

Conversions Part 1

Format	Color
Hex	4CDBD9
RGB	76, 219, 217
RGB Percent	30%, 86%, 85%
CMY	0.7020, 0.1412, 0.1490
CMYK	0.65, 0.00, 0.01, 0.14
HSL	179°, 67%, 58%
HSV	179°, 65%, 86%
XYZ	40.8364, 57.2093, 74.5358
YIQ	176.0150, -84.5860, -30.9380

Conversions

Conversions Part 2

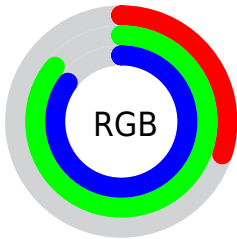
Format	Color
RYB	76, 148, 219
Decimal	5037017
CIELab	80.30, -37.79, -10.23
CIELCh	80, 39.148, 195.156
Yxy	57.2093, 0.2366, 0.3315
Android (android.graphics.Color)	4283227097 (0xFF4CDBD9)
YUV	176.0150, 20.2056, -87.7132
Hunter-Lab	75.6368, -35.9921, -5.4812

Details

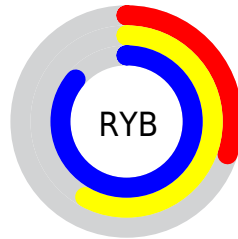
The RGB color **76, 219, 217** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **219, 76, 78**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **142, 255, 255**, and **0, 163, 162** is the 20% darker color. If you saturate the color by 10%, you get **54, 219, 217**, and if you desaturate by 10%, it is **98, 219, 217**.

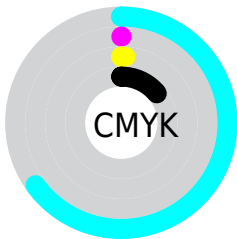
Distribution



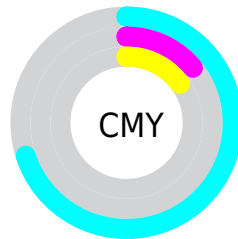
- Red (30%)
- Green (86%)
- Blue (85%)



- Red (30%)
- Yellow (58%)
- Blue (86%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



















- Cyan (70%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 219, 217 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, 219, 217 by changing the saturation by 10% instead.

 76, 219, 217	 76, 219, 217
 255, 255, 255	 31, 191, 189
 142, 255, 255	 0, 163, 162
 173, 255, 255	 0, 137, 136
 203, 255, 255	 0, 111, 111
 234, 255, 255	 0, 86, 86
	 0, 61, 63
	 0, 40, 41
	 0, 3, 22
	 0, 0, 0

■ 76, 219, 217

■ 76, 219, 217

■ 54, 219, 217

■ 98, 219, 217

■ 32, 219, 216

■ 120, 219, 218

■ 10, 219, 216

■ 142, 219, 218

■ 0, 219, 216

■ 164, 219, 218

■ 186, 219, 219

■ 207, 219, 219

■ 229, 219, 219

■ 251, 219, 219

■ 255, 219, 220

Harmonies

Analogous

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



119, 218, 179



76, 219, 217



69, 216, 250

Triad

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



76, 219, 217



227, 183, 251



240, 191, 129

Complementary

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



76, 219, 217



219, 76, 78

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, 179, 149



76, 219, 217



255, 173, 219

Square

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



76, 219, 217



177, 196, 255



255, 172, 182



205, 203, 128

Rectangle

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



76, 219, 217



99, 211, 255



255, 172, 182



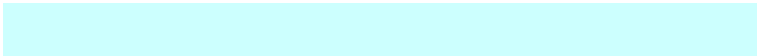
249, 186, 134

Sweetspot

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



76, 219, 217



204, 255, 254



78, 219, 76



97, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



76, 219, 217



56, 255, 252



76, 150, 219



99, 110, 109



0, 173, 171



0, 46, 45

Inverse Universe

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



219, 76, 78



255, 56, 59



219, 145, 76



110, 99, 99



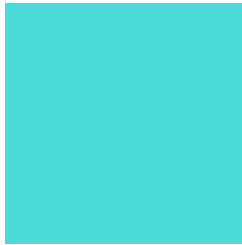
173, 0, 2



46, 0, 1

Previews

White Background



This preview shows how the RGB color 76, 219, 217 looks on a white background.

Color Contrast Check

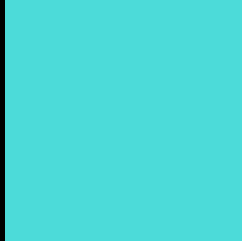
Large Text (above 18pt) WCAG AA × Fail

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, 219, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

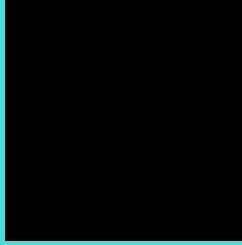
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

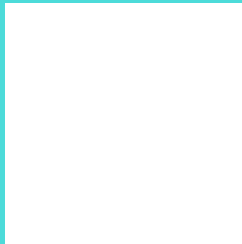
Any Text WCAG AAA ✓ Pass

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

RGB 76, 219, 217 Background



This preview shows how black text looks on a background with the RGB color 76, 219, 217.

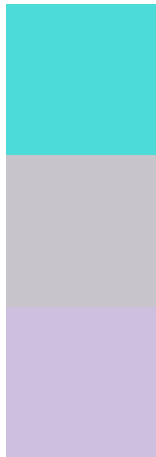


This preview shows how white text looks on a background with the RGB color 76, 219, 217.

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](#).

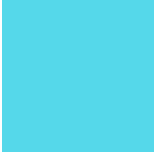
Dichromacy



Original Color
76, 219, 217

Protanopia
199, 197, 203

Deuteranopia
205, 192, 223



Tritanopia
85, 216, 234

Trichromacy



Original Color

76, 219, 217



Protanomaly

154, 205, 208



Deuteranomaly

158, 202, 221



Tritanomaly

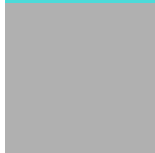
82, 217, 228

Monochromacy



Original Color

76, 219, 217



Achromatopsia

176, 176, 176



Achromatomaly

140, 192, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 219, 217 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, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(76, 219, 217)  
}
```

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, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 219, 217) }
```

Border

The CSS property to change the border of an element to RGB 76, 219, 217 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, 219, 217) }
```

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

```
.border{ border-color:rgb(76, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(76, 219,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 76, 219, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 219, 217) }
```

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

```
.background{ background-color: rgb(76, 219,  
217) }
```

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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