

Converting Colors

RGB(56, 212, 193)

Have a look what the booklet for
RGB(56, 212, 193) contains.

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Color

RGB(56, 212, 193)

Conversions

Conversions Part 1

Format	Color
Hex	38D4C1
RGB	56, 212, 193
RGB Percent	22%, 83%, 76%
CMY	0.7804, 0.1686, 0.2431
CMYK	0.74, 0.00, 0.09, 0.17
HSL	173°, 64%, 53%
HSV	173°, 74%, 83%
XYZ	34.8000, 51.7780, 58.6121
YIQ	163.1900, -86.8770, -38.9810

Conversions

Conversions Part 2

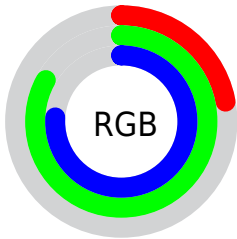
Format	Color
R _{YB}	56, 139, 212
Decimal	3724481
CIE Lab	77.15, -43.80, -2.09
CIE LCh	77, 43.851, 182.738
Yxy	51.7780, 0.2397, 0.3566
Android (android.graphics.Color)	4281914561 (0xFF38D4C1)
YUV	163.1900, 14.6963, -94.0056
Hunter-Lab	71.9569, -39.5979, 2.0755

Details

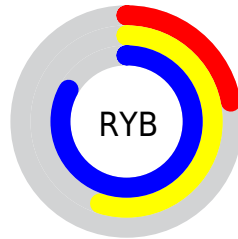
The RGB color **56, 212, 193** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **212, 56, 75**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **126, 255, 249**, and **0, 157, 140** is the 20% darker color. If you saturate the color by 10%, you get **35, 212, 190**, and if you desaturate by 10%, it is **77, 212, 196**.

Distribution



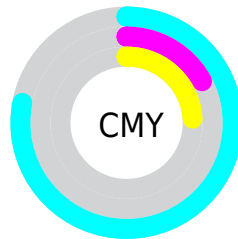
- Red (22%)
- Green (83%)
- Blue (76%)



- Red (22%)
- Yellow (55%)
- Blue (83%)



- Cyan (74%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (78%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 56, 212, 193 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 56, 212, 193 by changing the saturation by 10% instead.

 56, 212, 193

 56, 212, 193

255, 255, 255

 0, 184, 166


 126, 255, 249

 0, 157, 140

 157, 255, 255

 0, 130, 114

 188, 255, 255

 0, 104, 90

 219, 255, 255

 0, 79, 66

 250, 255, 255

 0, 55, 44

 0, 33, 24

 0, 0, 0

 56, 212, 193

 56, 212, 193

■ 35, 212, 190

■ 77, 212, 196

■ 14, 212, 188

■ 98, 212, 198

■ 0, 212, 186

■ 120, 212, 201

■ 141, 212, 203

■ 162, 212, 206

■ 183, 212, 208

■ 204, 212, 211

■ 226, 212, 214

■ 247, 212, 216

Harmonies

Analogous

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



121, 209, 152



56, 212, 193



0, 211, 233

Triad

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



56, 212, 193



200, 179, 255



247, 175, 119

Complementary

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



56, 212, 193



212, 56, 75

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, 163, 149



56, 212, 193



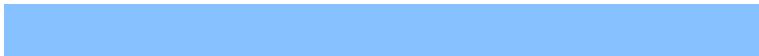
245, 165, 228

Square

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



56, 212, 193



136, 193, 255



255, 158, 188



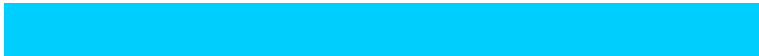
213, 189, 108

Rectangle

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



56, 212, 193



0, 207, 254



255, 158, 188



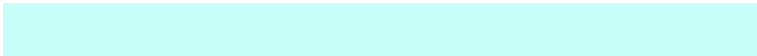
255, 171, 127

Sweetspot

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



56, 212, 193



199, 255, 248



77, 212, 56



94, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



56, 212, 193



31, 255, 228



56, 155, 212



96, 107, 106



0, 171, 150



0, 43, 38

Inverse Universe

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



212, 56, 75



255, 31, 58



212, 113, 56



107, 96, 98



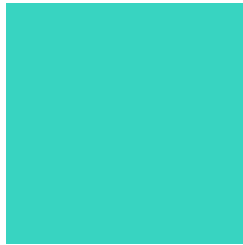
171, 0, 21



43, 0, 5

Previews

White Background



This preview shows how the RGB color 56, 212, 193 looks on a white background.

Color Contrast Check

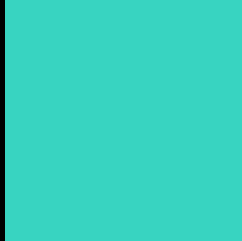
Large Text (above 18pt) WCAG AA × Fail

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 56, 212, 193 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 56, 212, 193 Background



This preview shows how black text looks on a background with the RGB color 56, 212, 193.

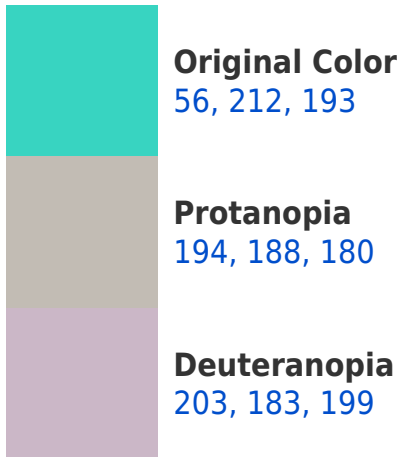


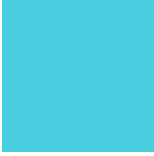
This preview shows how white text looks on a background with the RGB color 56, 212, 193.

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
74, 207, 224

Trichromacy



Original Color

56, 212, 193



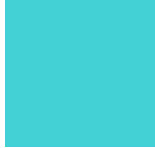
Protanomaly

144, 197, 185



Deuteranomaly

150, 194, 197



Tritanomaly

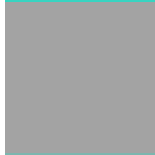
67, 209, 213

Monochromacy



Original Color

56, 212, 193



Achromatopsia

163, 163, 163



Achromatomaly

124, 181, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 212, 193 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(56, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(56, 212, 193)  
}
```

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(56, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 212, 193) }
```

Border

The CSS property to change the border of an element to RGB 56, 212, 193 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(56, 212, 193) }
```

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

```
.border{ border-color:rgb(56, 212, 193) }
```

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

Here you see how a box with a 4 pixel rgb(56, 212, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(56, 212,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 56, 212, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 212, 193) }
```

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

```
.background{ background-color: rgb(56, 212,  
193) }
```

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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