

Converting Colors

RGB(38, 207, 207)

Have a look what the booklet for
RGB(38, 207, 207) contains.

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Color

RGB(38, 207, 207)

Conversions

Conversions Part 1

Format	Color
Hex	26CFCF
RGB	38, 207, 207
RGB Percent	15%, 81%, 81%
CMY	0.8510, 0.1882, 0.1882
CMYK	0.82, 0.00, 0.00, 0.19
HSL	180°, 69%, 48%
HSV	180°, 82%, 81%
XYZ	34.3746, 49.5427, 66.7825
YIQ	156.4690, -100.7240, -35.8280

Conversions

Conversions Part 2

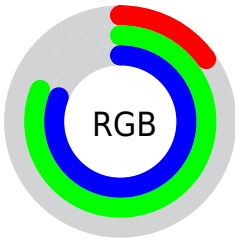
Format	Color
RYB	38, 123, 207
Decimal	2543567
CIELab	75.79, -39.40, -11.67
CIElCh	76, 41.094, 196.502
Yxy	49.5427, 0.2281, 0.3288
Android (android.graphics.Color)	4280733647 (0xFF26CFCF)
YUV	156.4690, 24.9118, -103.8973
Hunter-Lab	70.3866, -36.0026, -6.9835

Details

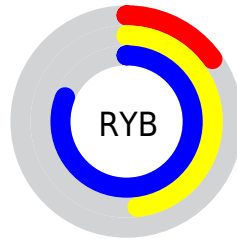
The RGB color **38, 207, 207** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **207, 38, 38**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **117, 255, 255**, and **0, 152, 153** is the 20% darker color. If you saturate the color by 10%, you get **17, 207, 207**, and if you desaturate by 10%, it is **59, 207, 207**.

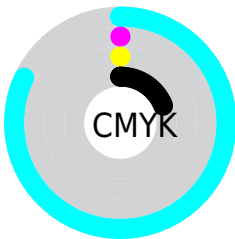
Distribution



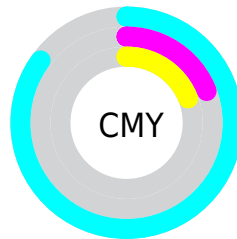
- Red (15%)
- Green (81%)
- Blue (81%)



- Red (15%)
- Yellow (48%)
- Blue (81%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




















- Cyan (85%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 38, 207, 207 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 38, 207, 207 by changing the saturation by 10% instead.

 38, 207, 207	 38, 207, 207
 255, 255, 255	 0, 179, 179
 117, 255, 255	 0, 152, 153
 149, 255, 255	 0, 125, 127
 181, 255, 255	 0, 100, 102
 212, 255, 255	 0, 75, 78
 243, 255, 255	 0, 51, 55
	 0, 30, 34
	 0, 0, 11
	 0, 0, 0

■ 38, 207, 207

■ 38, 207, 207

■ 17, 207, 207

■ 59, 207, 207

■ 0, 207, 207

■ 79, 207, 207

■ 100, 207, 207

■ 121, 207, 207

■ 142, 207, 207

■ 162, 207, 207

■ 183, 207, 207

■ 204, 207, 207

■ 224, 207, 207

Harmonies

Analogous

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



99, 206, 168



38, 207, 207



23, 204, 241

Triad

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



38, 207, 207



217, 169, 239



227, 179, 113

Complementary

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



38, 207, 207



207, 38, 38

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.



252, 166, 133



38, 207, 207



250, 159, 206

Square

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



38, 207, 207



166, 183, 255



255, 158, 167



191, 191, 113

Rectangle

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



38, 207, 207



76, 199, 255



255, 158, 167



237, 174, 118

Sweetspot

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



38, 207, 207



194, 255, 255



38, 207, 38



91, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



38, 207, 207



5, 255, 255



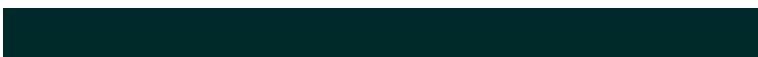
38, 122, 207



94, 105, 105



0, 168, 168



0, 41, 41

Inverse Universe

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



207, 38, 207



255, 5, 255



207, 122, 38



105, 94, 105



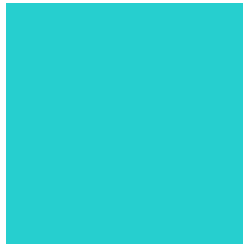
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RGB color 38, 207, 207 looks on a white background.

Color Contrast Check

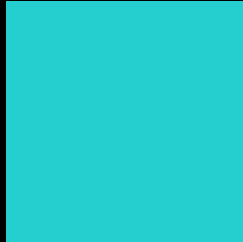
Large Text (above 18pt) WCAG AA × Fail

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 38, 207, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

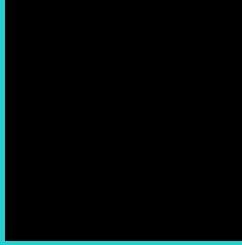
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

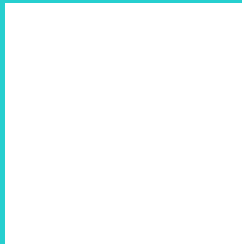
Any Text WCAG AAA ✓ Pass

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

RGB 38, 207, 207 Background



This preview shows how black text looks on a background with the RGB color 38, 207, 207.



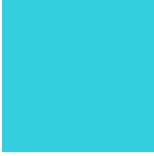
This preview shows how white text looks on a background with the RGB color 38, 207, 207.

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
52, 205, 221

Trichromacy



Original Color

38, 207, 207



Protanomaly

132, 192, 198



Deuteranomaly

135, 190, 211



Tritanomaly

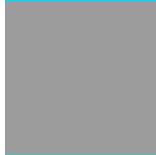
47, 206, 216

Monochromacy



Original Color

38, 207, 207



Achromatopsia

156, 156, 156



Achromatomaly

113, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 38, 207, 207 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(38, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(38, 207, 207)  
}
```

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(38, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 207, 207) }
```

Border

The CSS property to change the border of an element to RGB 38, 207, 207 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(38, 207, 207) }
```

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

```
.border{ border-color:rgb(38, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(38, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(38, 207,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 38, 207, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 207, 207) }
```

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

```
.background{ background-color: rgb(38, 207,  
207) }
```

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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