

Converting Colors

RGB(48, 222, 204)

Have a look what the booklet for
RGB(48, 222, 204) contains.

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Color

RGB(48, 222, 204)

Conversions

Conversions Part 1

Format	Color
Hex	30DECC
RGB	48, 222, 204
RGB Percent	19%, 87%, 80%
CMY	0.8118, 0.1294, 0.2000
CMYK	0.78, 0.00, 0.08, 0.13
HSL	174°, 72%, 53%
HSV	174°, 78%, 87%
XYZ	38.2393, 57.2306, 66.1579
YIQ	167.9220, -97.9260, -42.4860

Conversions

Conversions Part 2

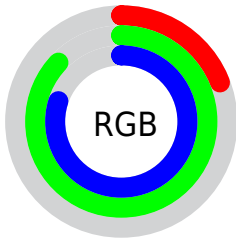
Format	Color
RYB	48, 140, 222
Decimal	3202764
CIELab	80.31, -46.01, -3.35
CIELCh	80, 46.133, 184.159
Yxy	57.2306, 0.2366, 0.3541
Android (android.graphics.Color)	4281392844 (0xFF30DECC)
YUV	167.9220, 17.7865, -105.1716
Hunter-Lab	75.6509, -42.1626, 1.1056

Details

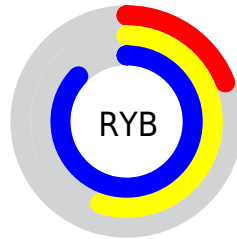
The RGB color **48, 222, 204** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **222, 48, 66**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **124, 255, 255**, and **0, 166, 150** is the 20% darker color. If you saturate the color by 10%, you get **26, 222, 202**, and if you desaturate by 10%, it is **70, 222, 206**.

Distribution



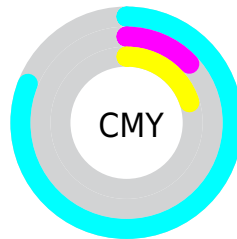
- Red (19%)
- Green (87%)
- Blue (80%)



- Red (19%)
- Yellow (55%)
- Blue (87%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)




















- Cyan (81%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 222, 204 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 48, 222, 204 by changing the saturation by 10% instead.

 48, 222, 204	 48, 222, 204
 255, 255, 255	 0, 194, 177
 124, 255, 255	 0, 166, 150
 156, 255, 255	 0, 139, 124
 187, 255, 255	 0, 113, 99
 219, 255, 255	 0, 87, 76
 250, 255, 255	 0, 63, 53
	 0, 41, 32
	 0, 2, 9
	 0, 0, 0

■ 48, 222, 204

■ 48, 222, 204

■ 26, 222, 202

■ 70, 222, 206

■ 4, 222, 199

■ 92, 222, 209

■ 0, 222, 199

■ 115, 222, 211

■ 137, 222, 213

■ 159, 222, 215

■ 181, 222, 218

■ 203, 222, 220

■ 226, 222, 222

■ 248, 222, 225

Harmonies

Analogous

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



122, 219, 160



48, 222, 204



0, 220, 246

Triad

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



48, 222, 204



212, 186, 255



255, 184, 122

Complementary

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



48, 222, 204



222, 48, 66

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, 170, 153



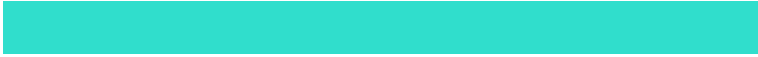
48, 222, 204



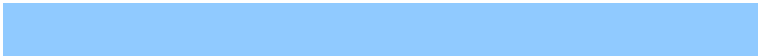
255, 171, 238

Square

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



48, 222, 204



144, 202, 255



255, 165, 195



221, 199, 112

Rectangle

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



48, 222, 204



0, 217, 255



255, 165, 195



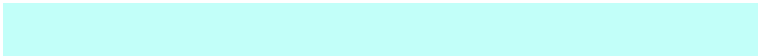
255, 179, 131

Sweetspot

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



48, 222, 204



194, 255, 249



68, 222, 48



91, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



48, 222, 204



15, 255, 230



48, 155, 222



101, 112, 111



0, 176, 158



0, 48, 43

Inverse Universe

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



222, 48, 66



255, 15, 40



222, 115, 48



112, 101, 102



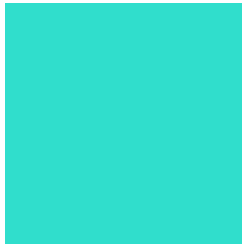
176, 0, 18



48, 0, 5

Previews

White Background



This preview shows how the RGB color 48, 222, 204 looks on a white background.

Color Contrast Check

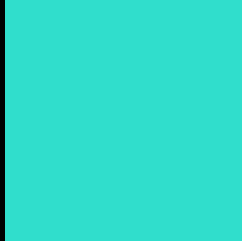
Large Text (above 18pt) WCAG AA × Fail

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 48, 222, 204 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

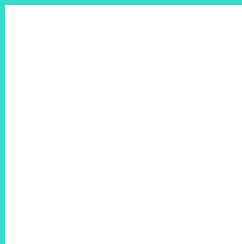
Any Text WCAG AAA ✓ Pass

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

RGB 48, 222, 204 Background



This preview shows how black text looks on a background with the RGB color 48, 222, 204.



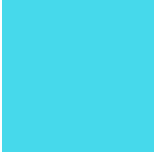
This preview shows how white text looks on a background with the RGB color 48, 222, 204.

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
70, 217, 235

Trichromacy



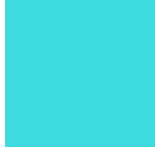
Original Color
48, 222, 204



Protanomaly
147, 206, 195



Deuteranomaly
152, 203, 208

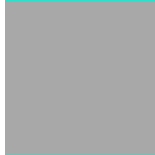


Tritanomaly
62, 219, 224

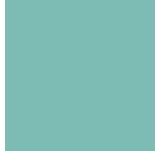
Monochromacy



Original Color
48, 222, 204



Achromatopsia
168, 168, 168



Achromatomaly
124, 188, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 222, 204 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(48, 222, 204)` looks like.

```
.text, #text, p{  
    color:rgb(48, 222, 204)  
}
```

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(48, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 222, 204) }
```

Border

The CSS property to change the border of an element to RGB 48, 222, 204 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(48, 222, 204) }
```

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

```
.border{ border-color:rgb(48, 222, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 222, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(48, 222,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 48, 222, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 222, 204) }
```

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

```
.background{ background-color: rgb(48, 222,  
204) }
```

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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