

Converting Colors

RGB(48, 222, 226)

Have a look what the booklet for
RGB(48, 222, 226) contains.

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Color

RGB(48, 222, 226)

Conversions

Conversions Part 1

Format	Color
Hex	30DEE2
RGB	48, 222, 226
RGB Percent	19%, 87%, 89%
CMY	0.8118, 0.1294, 0.1137
CMYK	0.79, 0.02, 0.00, 0.11
HSL	181°, 75%, 54%
HSV	181°, 79%, 89%
XYZ	41.0677, 58.3619, 81.0520
YIQ	170.4300, -104.9880, -35.6440

Conversions

Conversions Part 2

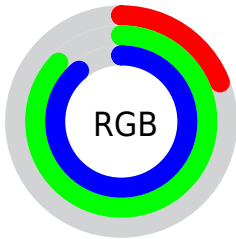
Format	Color
R _Y B	48, 136, 226
Decimal	3202786
CIE Lab	80.94, -39.84, -14.12
CIE LCh	81, 42.272, 199.515
Yxy	58.3619, 0.2275, 0.3234
Android (android.graphics.Color)	4281392866 (0xFF30DEE2)
YUV	170.4300, 27.3960, -107.3711
Hunter-Lab	76.3950, -37.7349, -9.4278

Details

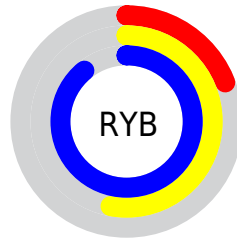
The RGB color **48, 222, 226** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **226, 52, 48**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **126, 255, 255**, and **0, 166, 171** is the 20% darker color. If you saturate the color by 10%, you get **25, 221, 226**, and if you desaturate by 10%, it is **71, 223, 226**.

Distribution



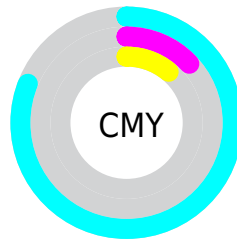
- Red (19%)
- Green (87%)
- Blue (89%)



- Red (19%)
- Yellow (53%)
- Blue (89%)



- Cyan (79%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)




















- Cyan (81%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 222, 226 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, 226 by changing the saturation by 10% instead.

 48, 222, 226	 48, 222, 226
 255, 255, 255	 0, 194, 198
 126, 255, 255	 0, 166, 171
 159, 255, 255	 0, 139, 144
 190, 255, 255	 0, 113, 119
 222, 255, 255	 0, 88, 94
 253, 255, 255	 0, 64, 70
	 0, 42, 48
	 0, 8, 28
	 0, 0, 0

■ 48, 222, 226

■ 48, 222, 226

■ 25, 221, 226

■ 71, 223, 226

■ 3, 221, 226

■ 93, 223, 226

■ 0, 221, 226

■ 116, 224, 226

■ 138, 224, 226

■ 161, 225, 226

■ 184, 225, 226

■ 206, 226, 226

■ 229, 226, 226

■ 251, 227, 226

Harmonies

Analogous

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



105, 221, 185



48, 222, 226



50, 218, 255

Triad

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



48, 222, 226



237, 182, 253



239, 194, 123

Complementary

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



48, 222, 226



226, 52, 48

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, 180, 142



48, 222, 226



255, 172, 217

Square

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



48, 222, 226



185, 196, 255



255, 171, 177



201, 207, 125

Rectangle

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



48, 222, 226



96, 213, 255



255, 171, 177



250, 189, 127

Sweetspot

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



48, 222, 226



194, 254, 255



48, 226, 51



91, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



48, 222, 226



13, 250, 255



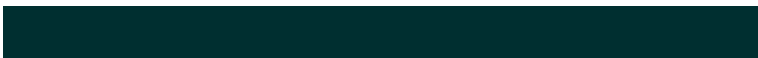
48, 134, 226



101, 112, 112



0, 172, 176



0, 47, 48

Inverse Universe

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



226, 48, 222



255, 13, 250



226, 140, 48



112, 101, 112



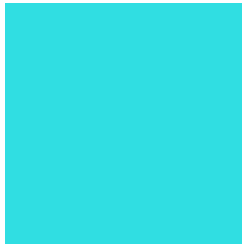
176, 0, 172



48, 0, 47

Previews

White Background



This preview shows how the RGB color 48, 222, 226 looks on a white background.

Color Contrast Check

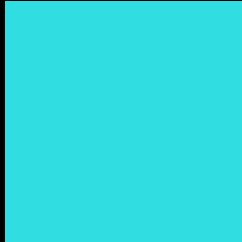
Large Text (above 18pt) WCAG AA × Fail

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, 226 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

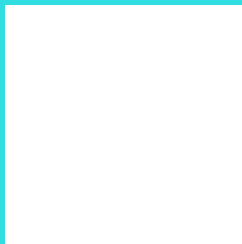
Any Text WCAG AAA ✓ Pass

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

RGB 48, 222, 226 Background



This preview shows how black text looks on a background with the RGB color 48, 222, 226.

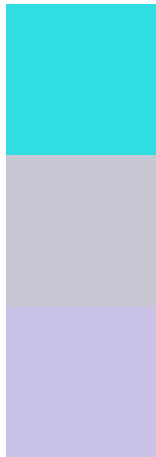


This preview shows how white text looks on a background with the RGB color 48, 222, 226.

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](#).

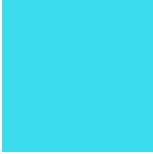
Dichromacy



Original Color
48, 222, 226

Protanopia
199, 198, 211

Deuteranopia
203, 194, 232



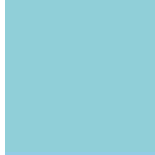
Tritanopia
58, 220, 238

Trichromacy



Original Color

48, 222, 226



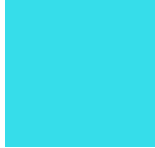
Protanomaly

144, 207, 216



Deuteranomaly

147, 204, 230



Tritanomaly

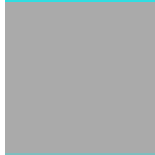
54, 221, 234

Monochromacy



Original Color

48, 222, 226



Achromatopsia

170, 170, 170



Achromatomaly

126, 189, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 222, 226 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(48, 222, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 222, 226) }
```

Border

The CSS property to change the border of an element to RGB 48, 222, 226 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, 226) }
```

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

```
.border{ border-color:rgb(48, 222, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(48, 222,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 48, 222, 226 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, 226) }
```

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

```
.background{ background-color: rgb(48, 222,  
226) }
```

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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