

Converting Colors

RGB(48, 255, 196)

Have a look what the booklet for
RGB(48, 255, 196) contains.

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Color

RGB(48, 255, 196)

Conversions

Conversions Part 1

Format	Color
Hex	30FFC4
RGB	48, 255, 196
RGB Percent	19%, 100%, 77%
CMY	0.8118, 0.0000, 0.2314
CMYK	0.81, 0.00, 0.23, 0.00
HSL	163°, 100%, 59%
HSV	163°, 81%, 100%
XYZ	46.9427, 76.1339, 64.4457
YIQ	186.3810, -104.4330, -62.2330

Conversions

Conversions Part 2

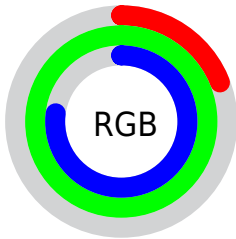
Format	Color
RYB	48, 169, 255
Decimal	3211204
CIELab	89.92, -61.33, 14.70
CIELCh	90, 63.068, 166.521
Yxy	76.1339, 0.2503, 0.4060
Android (android.graphics.Color)	4281401284 (0xFF30FFC4)
YUV	186.3810, 4.7422, -121.3601
Hunter-Lab	87.2547, -56.6635, 17.2871

Details

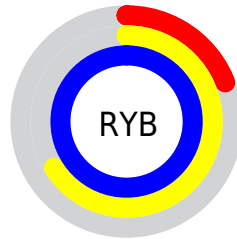
The RGB color **48, 255, 196** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **255, 48, 107**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **129, 255, 253**, and **0, 197, 142** is the 20% darker color. If you saturate the color by 10%, you get **23, 255, 189**, and if you desaturate by 10%, it is **74, 255, 203**.

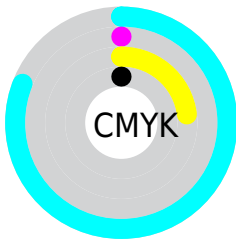
Distribution



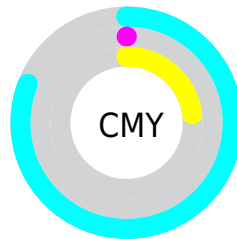
- Red (19%)
- Green (100%)
- Blue (77%)



- Red (19%)
- Yellow (66%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



















- Cyan (81%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 255, 196 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, 255, 196 by changing the saturation by 10% instead.

 48, 255, 196	 48, 255, 196
 255, 255, 255	 0, 226, 169
 129, 255, 253	 0, 197, 142
 163, 255, 255	 0, 169, 117
 195, 255, 255	 0, 141, 92
 227, 255, 255	 0, 115, 68
	 0, 89, 46
	 0, 64, 25
	 0, 40, 0
	 0, 0, 0

■ 48, 255, 196

■ 48, 255, 196

■ 23, 255, 189

■ 74, 255, 203

■ 0, 255, 182

■ 99, 255, 211

■ 125, 255, 218

■ 150, 255, 225

■ 176, 255, 232

■ 201, 255, 240

■ 227, 255, 247

■ 252, 255, 254

■ 255, 255, 255

Harmonies

Analogous

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



161, 247, 140



48, 255, 196



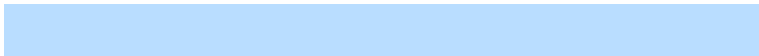
0, 255, 255

Triad

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



48, 255, 196



185, 221, 255



255, 191, 141

Complementary

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



48, 255, 196



255, 48, 107

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, 176, 195



48, 255, 196



255, 197, 255

Square

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



48, 255, 196



0, 240, 255



255, 179, 255



255, 213, 107

Rectangle

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



48, 255, 196



0, 255, 255



255, 179, 255



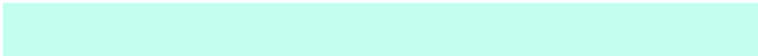
255, 185, 157

Sweetspot

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



48, 255, 196



194, 255, 238



110, 255, 48



91, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

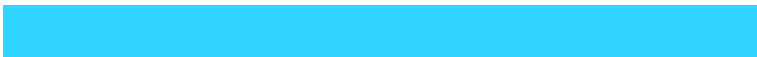
The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 255, 196



8, 255, 184



48, 214, 255



115, 128, 124



0, 191, 137



0, 64, 46

Inverse Universe

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



255, 48, 107



255, 8, 78



255, 89, 48



128, 115, 118



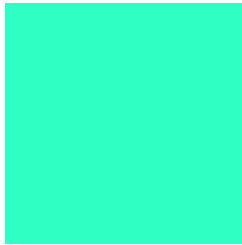
191, 0, 55



64, 0, 18

Previews

White Background



This preview shows how the RGB color 48, 255, 196 looks on a white background.

Color Contrast Check

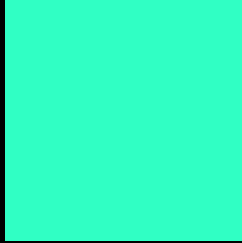
Large Text (above 18pt) WCAG AA × Fail

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, 255, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

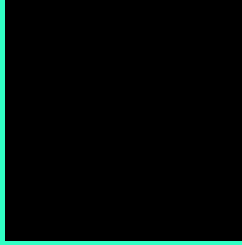
Any Text WCAG AA ✓ Pass

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, 255, 196 Background



This preview shows how black text looks on a background with the RGB color 48, 255, 196.

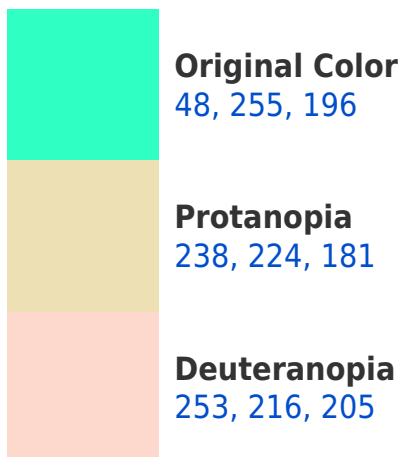


This preview shows how white text looks on a background with the RGB color 48, 255, 196.

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
143, 240, 255

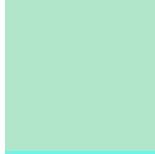
Trichromacy



Original Color
48, 255, 196



Protanomaly
169, 235, 186



Deuteranomaly
178, 230, 202

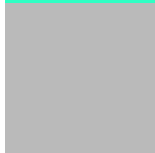


Tritanomaly
108, 245, 234

Monochromacy



Original Color
48, 255, 196



Achromatopsia
186, 186, 186



Achromatomaly
136, 211, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 255, 196 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, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(48, 255, 196)  
}
```

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, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 255, 196) }
```

Border

The CSS property to change the border of an element to RGB 48, 255, 196 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, 255, 196) }
```

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

```
.border{ border-color:rgb(48, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(48, 255,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 48, 255, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 255, 196) }
```

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

```
.background{ background-color: rgb(48, 255,  
196) }
```

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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