

Converting Colors

RGB(47, 240, 204)

Have a look what the booklet for
RGB(47, 240, 204) contains.

RGB(47, 240, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(47, 240, 204)

Conversions

Conversions Part 1

Format	Color
Hex	2FF0CC
RGB	47, 240, 204
RGB Percent	18%, 94%, 80%
CMY	0.8157, 0.0588, 0.2000
CMYK	0.80, 0.00, 0.15, 0.06
HSL	169°, 87%, 56%
HSV	169°, 80%, 94%
XYZ	43.2315, 67.2841, 67.8353
YIQ	178.1890, -103.4720, -52.1120

Conversions

Conversions Part 2

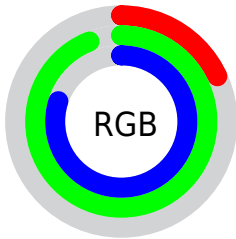
Format	Color
RYB	47, 153, 240
Decimal	3141836
CIELab	85.65, -53.61, 4.44
CIELCh	86, 53.794, 175.268
Yxy	67.2841, 0.2424, 0.3773
Android (android.graphics.Color)	4281331916 (0xFF2FF0CC)
YUV	178.1890, 12.7248, -115.0528
Hunter-Lab	82.0269, -49.4705, 8.3867

Details

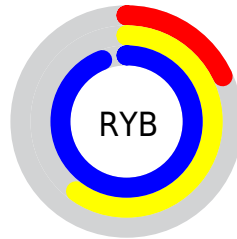
The RGB color **47, 240, 204** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **240, 47, 83**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **126, 255, 255**, and **0, 183, 150** is the 20% darker color. If you saturate the color by 10%, you get **23, 240, 200**, and if you desaturate by 10%, it is **71, 240, 208**.

Distribution



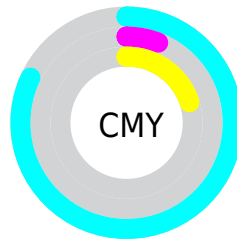
- Red (18%)
- Green (94%)
- Blue (80%)



- Red (18%)
- Yellow (60%)
- Blue (94%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)




















- Cyan (82%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 240, 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 47, 240, 204 by changing the saturation by 10% instead.

 47, 240, 204	 47, 240, 204
 255, 255, 255	 0, 211, 177
 126, 255, 255	 0, 183, 150
 159, 255, 255	 0, 155, 124
 191, 255, 255	 0, 128, 99
 223, 255, 255	 0, 102, 75
 254, 255, 255	 0, 77, 53
	 0, 53, 32
	 0, 28, 9
	 0, 0, 0

 47, 240, 204

 47, 240, 204

 23, 240, 200

 71, 240, 208


 0, 240, 195

 95, 240, 213

 119, 240, 217

 143, 240, 222

 167, 240, 226

 191, 240, 231

 215, 240, 235

 239, 240, 240

 255, 240, 244

Harmonies

Analogous

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



141, 235, 154



47, 240, 204



0, 240, 255

Triad

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



47, 240, 204



206, 204, 255



255, 190, 132

Complementary

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



47, 240, 204



240, 47, 83

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, 173



47, 240, 204



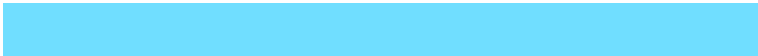
255, 185, 255

Square

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



47, 240, 204



112, 222, 255



255, 173, 224



253, 208, 111

Rectangle

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



47, 240, 204



0, 237, 255



255, 173, 224



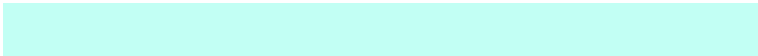
255, 184, 144

Sweetspot

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



47, 240, 204



194, 255, 244



86, 240, 47



91, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



47, 240, 204



8, 255, 209



47, 182, 240



108, 120, 118



0, 184, 149



0, 56, 46

Inverse Universe

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



240, 47, 83



255, 8, 54



240, 105, 47



120, 108, 110



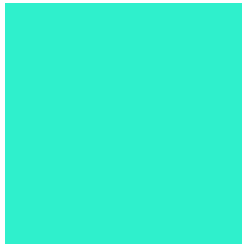
184, 0, 34



56, 0, 10

Previews

White Background



This preview shows how the RGB color 47, 240, 204 looks on a white background.

Color Contrast Check

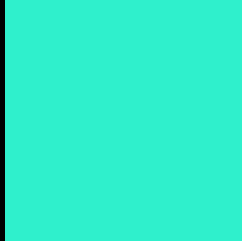
Large Text (above 18pt) WCAG AA × Fail

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 47, 240, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

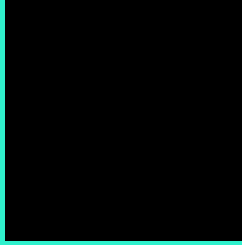
Any Text WCAG AA ✓ Pass

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 47, 240, 204 Background



This preview shows how black text looks on a background with the RGB color 47, 240, 204.

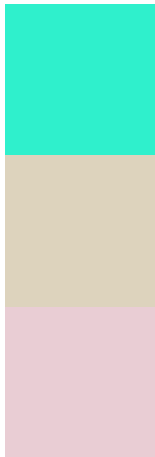


This preview shows how white text looks on a background with the RGB color 47, 240, 204.

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](#).

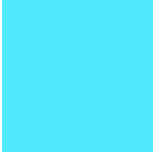
Dichromacy



Original Color
47, 240, 204

Protanopia
221, 211, 189

Deuteranopia
233, 205, 212



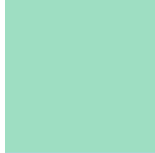
Tritanopia
80, 233, 252

Trichromacy



Original Color

47, 240, 204



Protanomaly

158, 222, 194



Deuteranomaly

165, 218, 209



Tritanomaly

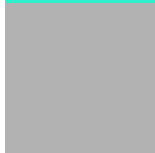
68, 236, 235

Monochromacy



Original Color

47, 240, 204



Achromatopsia

178, 178, 178



Achromatomaly

130, 201, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 240, 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(47, 240, 204)` looks like.

```
.text, #text, p{  
    color:rgb(47, 240, 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(47, 240, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 240, 204) }
```

Border

The CSS property to change the border of an element to RGB 47, 240, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

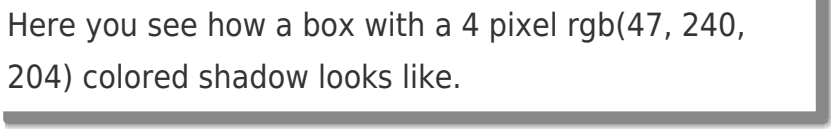
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 240, 204) }
```

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

```
.border{ border-color:rgb(47, 240, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 240, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 240, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 240, 204);  
box-shadow:4px 4px 4px 4px rgb(47, 240,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 47, 240, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 240, 204) }
```

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

```
.background{ background-color: rgb(47, 240,  
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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