

Converting Colors

RGB(30, 242, 208)

Have a look what the booklet for
RGB(30, 242, 208) contains.

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Color

RGB(30, 242, 208)

Conversions

Conversions Part 1

Format	Color
Hex	1EF2D0
RGB	30, 242, 208
RGB Percent	12%, 95%, 82%
CMY	0.8824, 0.0510, 0.1843
CMYK	0.88, 0.00, 0.14, 0.05
HSL	170°, 89%, 53%
HSV	170°, 88%, 95%
XYZ	43.6727, 68.3343, 70.5626
YIQ	174.7360, -115.4380, -55.5180

Conversions

Conversions Part 2

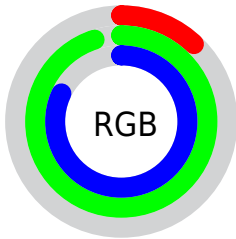
Format	Color
R_{YB}	30, 145, 242
Decimal	2028240
CIE _{Lab}	86.17, -54.57, 3.09
CIE _{LCh}	86, 54.661, 176.764
Yxy	68.3343, 0.2392, 0.3743
Android (android.graphics.Color)	4280218320 (0xFF1EF2D0)
YUV	174.7360, 16.3992, -126.9335
Hunter-Lab	82.6646, -50.3593, 7.2552

Details

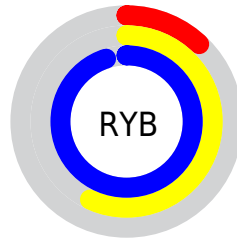
The RGB color **30, 242, 208** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **242, 30, 64**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **120, 255, 255**, and **0, 185, 154** is the 20% darker color. If you saturate the color by 10%, you get **6, 242, 204**, and if you desaturate by 10%, it is **54, 242, 212**.

Distribution



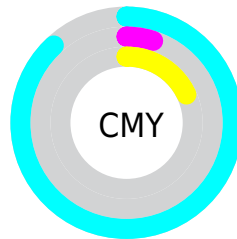
- Red (12%)
- Green (95%)
- Blue (82%)



- Red (12%)
- Yellow (57%)
- Blue (95%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)




















- Cyan (88%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 30, 242, 208 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 30, 242, 208 by changing the saturation by 10% instead.

 30, 242, 208	 30, 242, 208
 255, 255, 255	 0, 213, 180
 120, 255, 255	 0, 185, 154
 154, 255, 255	 0, 157, 128
 187, 255, 255	 0, 130, 103
 219, 255, 255	 0, 104, 79
 250, 255, 255	 0, 78, 56
	 0, 54, 35
	 0, 30, 13
	 0, 0, 0

■ 30, 242, 208

■ 30, 242, 208

■ 6, 242, 204

■ 54, 242, 212

■ 0, 242, 203

■ 78, 242, 216

■ 103, 242, 220

■ 127, 242, 224

■ 151, 242, 227

■ 175, 242, 231

■ 199, 242, 235

■ 224, 242, 239

■ 248, 242, 243

Harmonies

Analogous

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



138, 237, 157



30, 242, 208



0, 242, 255

Triad

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



30, 242, 208



211, 204, 255



255, 192, 130

Complementary

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



30, 242, 208



242, 30, 64

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, 177, 172



30, 242, 208



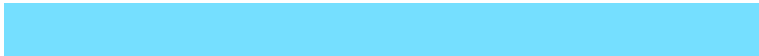
255, 185, 255

Square

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



30, 242, 208



117, 223, 255



255, 174, 223



252, 211, 110

Rectangle

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



30, 242, 208



0, 238, 255



255, 174, 223



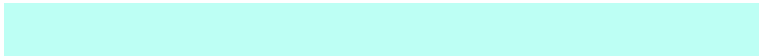
255, 186, 142

Sweetspot

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



30, 242, 208



189, 255, 244



65, 242, 30



88, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



30, 242, 208



0, 255, 214



30, 171, 242



108, 120, 118



0, 184, 154



0, 56, 47

Inverse Universe

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



242, 30, 64



255, 0, 41



242, 101, 30



120, 108, 110



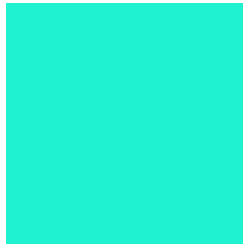
184, 0, 29



56, 0, 9

Previews

White Background



This preview shows how the RGB color 30, 242, 208 looks on a white background.

Color Contrast Check

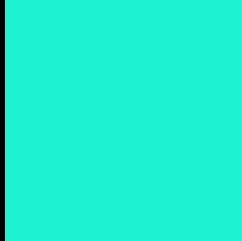
Large Text (above 18pt) WCAG AA × Fail

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 30, 242, 208 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

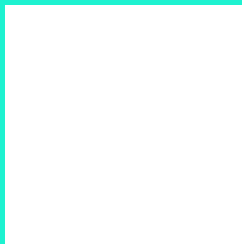
Any Text WCAG AAA ✓ Pass

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

RGB 30, 242, 208 Background



This preview shows how black text looks on a background with the RGB color 30, 242, 208.



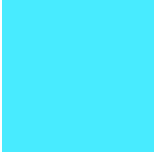
This preview shows how white text looks on a background with the RGB color 30, 242, 208.

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





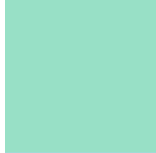
Tritanopia
72, 235, 255

Trichromacy



Original Color

30, 242, 208



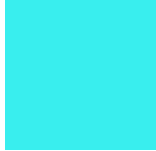
Protanomaly

152, 224, 198



Deuteranomaly

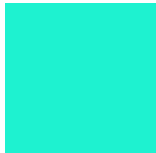
159, 220, 213



Tritanomaly

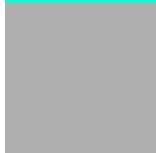
57, 238, 238

Monochromacy



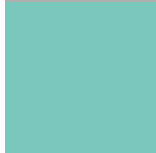
Original Color

30, 242, 208



Achromatopsia

175, 175, 175



Achromatomaly

122, 199, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 30, 242, 208 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(30, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(30, 242, 208)  
}
```

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(30, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 242, 208) }
```

Border

The CSS property to change the border of an element to RGB 30, 242, 208 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(30, 242, 208) }
```

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

```
.border{ border-color:rgb(30, 242, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 242, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(30, 242,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 30, 242, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 242, 208) }
```

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

```
.background{ background-color: rgb(30, 242,  
208) }
```

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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