

Converting Colors

RGB(15, 216, 216)

Have a look what the booklet for
RGB(15, 216, 216) contains.

RGB(15, 216, 216)	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(15, 216, 216)

Conversions

Conversions Part 1

Format	Color
Hex	0FD8D8
RGB	15, 216, 216
RGB Percent	6%, 85%, 85%
CMY	0.9412, 0.1529, 0.1529
CMYK	0.93, 0.00, 0.00, 0.15
HSL	180°, 87%, 45%
HSV	180°, 93%, 85%
XYZ	37.1475, 54.1712, 73.4639
YIQ	155.9010, -119.7960, -42.6120

Conversions

Conversions Part 2

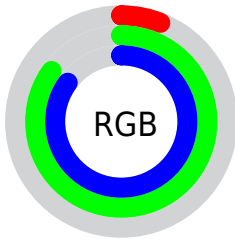
Format	Color
RYB	15, 116, 216
Decimal	1038552
CIELab	78.56, -42.03, -12.38
CIELCh	79, 43.810, 196.412
Yxy	54.1712, 0.2254, 0.3287
Android (android.graphics.Color)	4279228632 (0xFF0FD8D8)
YUV	155.9010, 29.6288, -123.5702
Hunter-Lab	73.6011, -38.7103, -7.6588

Details

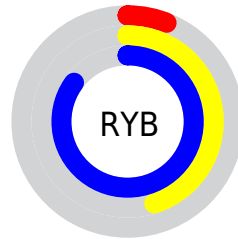
The RGB color **15, 216, 216** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **216, 15, 15**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **113, 255, 255**, and **0, 160, 161** is the 20% darker color. If you saturate the color by 10%, you get **0, 216, 216**, and if you desaturate by 10%, it is **37, 216, 216**.

Distribution



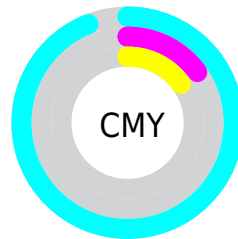
- Red (6%)
- Green (85%)
- Blue (85%)



- Red (6%)
- Yellow (45%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)




















- Cyan (94%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 15, 216, 216 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 15, 216, 216 by changing the saturation by 10% instead.

 15, 216, 216	 15, 216, 216
 255, 255, 255	 0, 188, 188
 113, 255, 255	 0, 160, 161
 146, 255, 255	 0, 134, 135
 178, 255, 255	 0, 108, 110
 210, 255, 255	 0, 83, 86
 242, 255, 255	 0, 58, 62
	 0, 37, 40
	 0, 1, 21
	 0, 0, 0

■ 15, 216, 216

■ 15, 216, 216

■ 0, 216, 216

■ 37, 216, 216

■ 58, 216, 216

■ 80, 216, 216

■ 101, 216, 216

■ 123, 216, 216

■ 145, 216, 216

■ 166, 216, 216

■ 188, 216, 216

■ 209, 216, 216

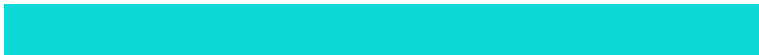
Harmonies

Analogous

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



99, 215, 174



15, 216, 216



0, 213, 252

Triad

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



15, 216, 216



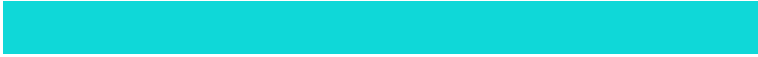
227, 176, 251



237, 186, 115

Complementary

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



15, 216, 216



216, 15, 15

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, 172, 137



15, 216, 216



255, 164, 215

Square

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



15, 216, 216



171, 191, 255



255, 163, 173



199, 199, 115

Rectangle

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



15, 216, 216



70, 207, 255



255, 163, 173



248, 181, 120

Sweetspot

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



15, 216, 216



184, 255, 255



15, 216, 15



84, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



15, 216, 216



0, 255, 255



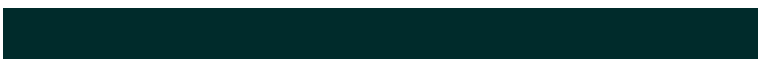
15, 116, 216



96, 107, 107



0, 171, 171



0, 43, 43

Inverse Universe

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



216, 15, 216



255, 0, 255



216, 116, 15



107, 96, 107



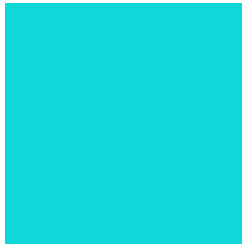
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 15, 216, 216 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 15, 216, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

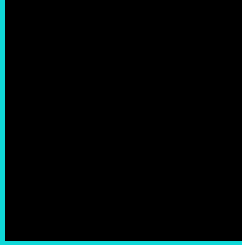
Any Text WCAG AA ✓ Pass

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 15, 216, 216 Background



This preview shows how black text looks on a background with the RGB color 15, 216, 216.



This preview shows how white text looks on a background with the RGB color 15, 216, 216.

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
41, 214, 231

Trichromacy



Original Color

15, 216, 216



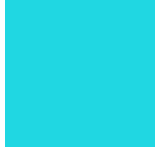
Protanomaly

129, 201, 206



Deuteranomaly

131, 198, 220



Tritanomaly

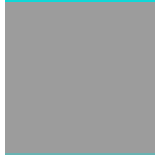
32, 215, 226

Monochromacy



Original Color

15, 216, 216



Achromatopsia

156, 156, 156



Achromatomaly

105, 178, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 15, 216, 216 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(15, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(15, 216, 216)  
}
```

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(15, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 216, 216) }
```

Border

The CSS property to change the border of an element to RGB 15, 216, 216 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(15, 216, 216) }
```

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

```
.border{ border-color:rgb(15, 216, 216) }
```

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

Here you see how a box with a 4 pixel rgb(15, 216, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(15, 216,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 15, 216, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 216, 216) }
```

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

```
.background{ background-color: rgb(15, 216,  
216) }
```

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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