

# Converting Colors

Hex(1FC0B7)

Have a look what the booklet for  
Hex(1FC0B7) contains.

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# Color

Hex(1FC0B7)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FC0B7
RGB	31, 192, 183
RGB Percent	12%, 75%, 72%
CMY	0.8784, 0.2471, 0.2824
CMYK	0.84, 0.00, 0.05, 0.25
HSL	177°, 72%, 44%
HSV	177°, 84%, 75%
XYZ	27.9620, 41.4095, 51.3188
YIQ	142.8350, -93.0670, -36.9310

# Conversions

## Conversions Part 2

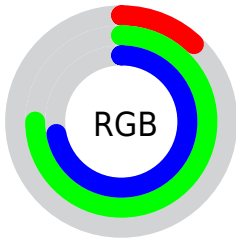
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 114, 192
Decimal	2080951
CIE <sub>Lab</sub>	70.46, -40.14, -6.57
CIE <sub>LCh</sub>	70, 40.673, 189.300
Yxy	41.4095, 0.2317, 0.3431
Android (android.graphics.Color)	4280271031 (0xFF1FC0B7)
YUV	142.8350, 19.8013, -98.0793
Hunter-Lab	64.3502, -35.0496, -2.2382

# Details

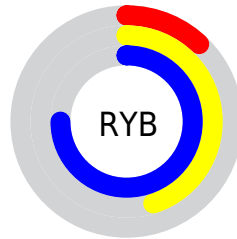
The Hex color **1FC0B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C01F28**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EF9EF**, and **008A82** is the 20% darker color. If you saturate the color by 10%, you get **0CC0B6**, and if you desaturate by 10%, it is **32C0B8**.

# Distribution



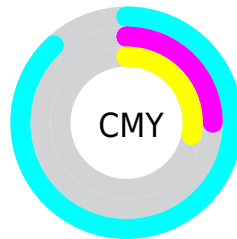
- Red (12%)
- Green (75%)
- Blue (72%)



- Red (12%)
- Yellow (45%)
- Blue (75%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (88%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FC0B7 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 Hex color 1FC0B7 by changing the saturation by 10% instead.



 1FC0B7

 1FC0B7

FFFFFF

 00A49C

 6EF9EF

 008A82

 8DFFFF

 007069

 ACFFFF

 005651

 CAFFFF

 003E3A

 E9FFFF

 002925

 000410

 000000

 1FC0B7

 1FC0B7

 0CC0B6

 32C0B8

 00C0B5

 45C0B9

 59C0BA

 6CC0BB

 7FC0BC

 92C0BD

 A5C0BF

 B9C0C0

 CCC0C1

# Harmonies

## Analogous

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



62BE91



1FC0B7



00BEDA

# Triad

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



1FC0B7



BF9EE6



DAA167

# Complementary

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



1FC0B7



C01F28

# 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.



EF957F



1FC0B7



E493C7

# Square

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



1FC0B7



88ACF5



F48FA2



B9AE62

# Rectangle

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



1FC0B7



20BAEB



F48FA2



E29D6E

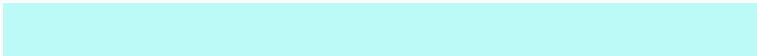


# Sweetspot

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



1FC0B7



BBFAF6



2AC01F



577D7B



FCFCFC



7D7D7D



# Same Dimension

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



1FC0B7



00FAEC



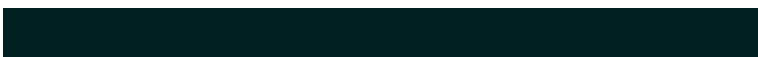
1F7AC0



576160



00A198



00211F



# Inverse Universe

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



C01F28



FA000E



C0651F



615758



A10009

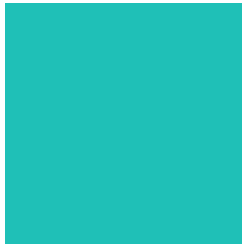


210002



# Previews

## White Background



This preview shows how the Hex color 1FC0B7 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 Hex color 1FC0B7 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

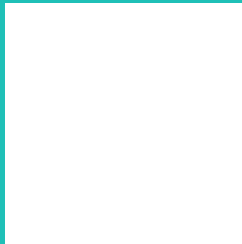
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1FC0B7 Background



This preview shows how black text looks on a background with the Hex color 1FC0B7.

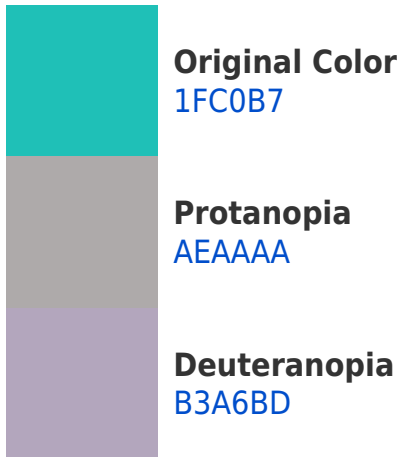


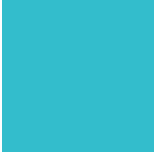
This preview shows how white text looks on a background with the Hex color 1FC0B7.

# Color Blindness Simulation

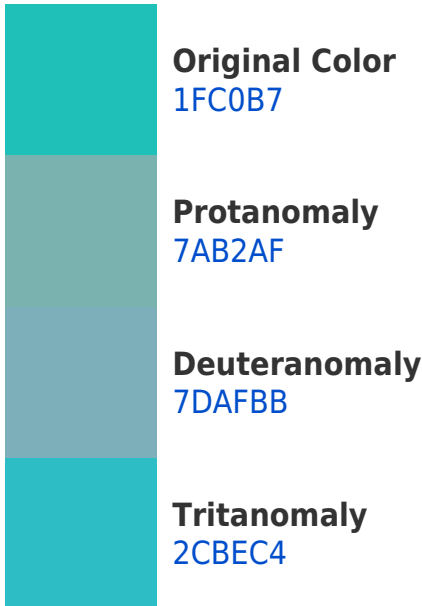
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FC0B7 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 #1FC0B7 looks like.

```
.text, #text, p{  
    color:#1FC0B7  
}
```

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 #1FC0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FC0B7
}
```

## Border

The CSS property to change the border of an element to Hex 1FC0B7 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
#1FC0B7 }
```

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

```
.border{ border-color:#1FC0B7 }
```

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

Here you see how a box with a 4 pixel #1FC0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FC0B7; -webkit-box-shadow:4px 4px  
4px 4px #1FC0B7; box-shadow:4px 4px 4px  
4px #1FC0B7 }
```

# Background

The CSS property to change the background color of an element to Hex 1FC0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FC0B7 }
```

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

```
.background{ background-color:#1FC0B7 }
```

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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