

# Converting Colors

Hex(3FB3C3)

Have a look what the booklet for  
Hex(3FB3C3) contains.

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# Color

Hex(3FB3C3)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB3C3
RGB	63, 179, 195
RGB Percent	25%, 70%, 76%
CMY	0.7529, 0.2980, 0.2353
CMYK	0.68, 0.08, 0.00, 0.24
HSL	187°, 52%, 51%
HSV	187°, 68%, 76%
XYZ	28.0203, 37.2371, 57.3404
YIQ	146.1400, -74.2720, -19.6160

# Conversions

## Conversions Part 2

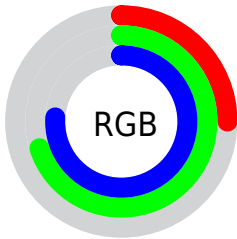
Format	Color
R <sub>YB</sub>	63, 125, 195
Decimal	4174787
CIE <sub>Lab</sub>	67.45, -26.94, -17.62
CIE <sub>LCh</sub>	67, 32.195, 213.185
Y <sub>xy</sub>	37.2371, 0.2286, 0.3037
Android (android.graphics.Color)	4282364867 (0xFF3FB3C3)
YUV	146.1400, 24.0880, -72.9138
Hunter-Lab	61.0222, -24.8248, -12.9972

# Details

The Hex color **3FB3C3** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C34F3F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7FEBFC**, and **007E8D** is the 20% darker color. If you saturate the color by 10%, you get **2CB1C3**, and if you desaturate by 10%, it is **53B5C3**.

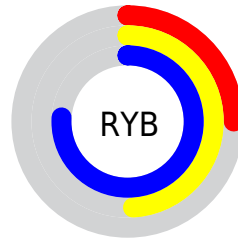
# Distribution



Red (25%)

Green (70%)

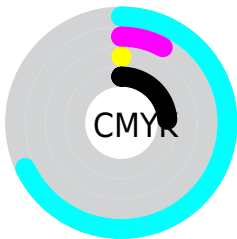
Blue (76%)



Red (25%)

Yellow (49%)

Blue (76%)

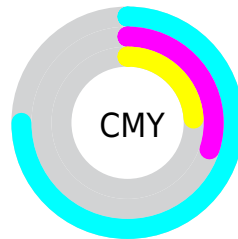


Cyan (68%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (30%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FB3C3 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 3FB3C3 by changing the saturation by 10% instead.





3FB3C3



3FB3C3

FFFFFF



0F98A8



7FEBFC



007E8D



9DFFFF



006574



BAFFFF



004C5B



D8FFFF



003544



F7FFFF



00212D



000119



000000



3FB3C3



3FB3C3

■ 2CB1C3

■ 53B5C3

■ 18AEC3

■ 66B8C3

■ 05ACC3

■ 7ABAC3

■ 00ABC3

■ 8DBCC3

■ A1BFC3

■ B4C1C3

■ C8C4C3

■ DBC6C3

■ EFC8C3

# Harmonies

## Analogous

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



52B4A6



3FB3C3



56AED7

# Triad

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



3FB3C3



CC92BF



B5A36A

# Complementary

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



3FB3C3



C34F3F

# 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.



CE9A71



3FB3C3



DC8EA2

# Square

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



3FB3C3



AC9CD5



DC9186



96AC73

# Rectangle

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



3FB3C3



72A9DD



DC9186



BEA06B



# Sweetspot

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



3FB3C3



CAF6FC



3FC34E



617C80



000000



808080



# Same Dimension

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



3FB3C3



30E4FC



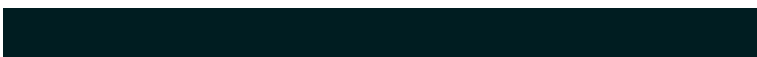
3F72C3



576061



008DA1



001D21



# Inverse Universe

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



C33FB3



FC30E4



C3903F



615760



A1008D

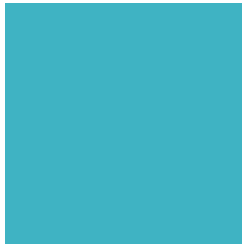


21001D



# Previews

## White Background



This preview shows how the Hex color 3FB3C3 looks on a white background.

## Color Contrast Check

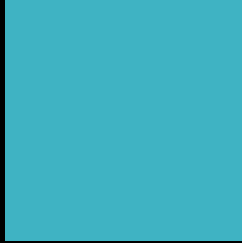
Large Text (above 18pt) WCAG AA × Fail

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 3FB3C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

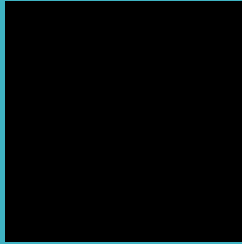
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FB3C3 Background



This preview shows how black text looks on a background with the Hex color 3FB3C3.

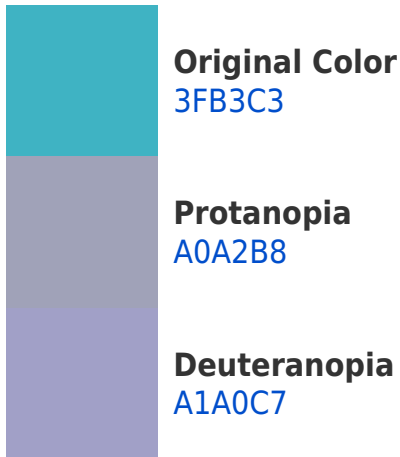


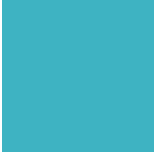
This preview shows how white text looks on a background with the Hex color 3FB3C3.

# 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](#).

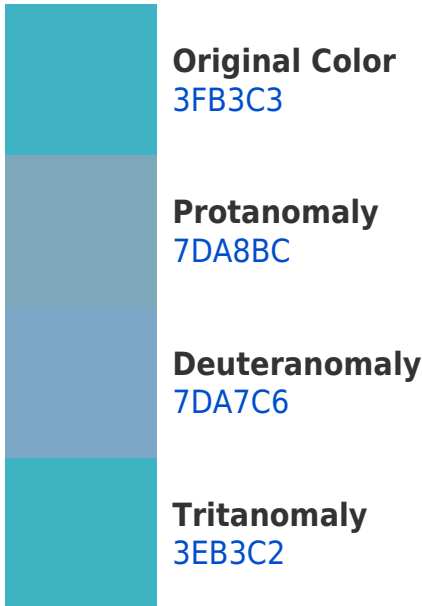
## Dichromacy



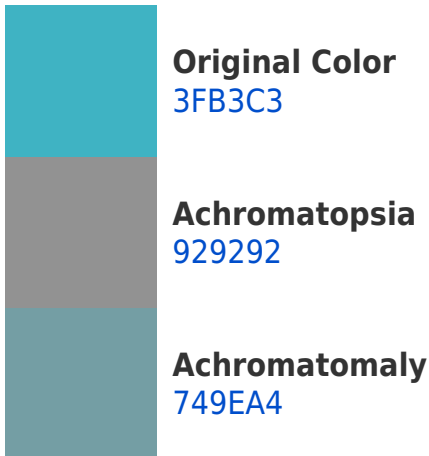


**Tritanopia**  
3EB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FB3C3 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 #3FB3C3 looks like.

```
.text, #text, p{  
    color:#3FB3C3  
}
```

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 #3FB3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB3C3
}
```

## Border

The CSS property to change the border of an element to Hex 3FB3C3 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
#3FB3C3 }
```

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

```
.border{ border-color:#3FB3C3 }
```

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

Here you see how a box with a 4 pixel #3FB3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB3C3; -webkit-box-shadow:4px 4px  
4px 4px #3FB3C3; box-shadow:4px 4px 4px  
4px #3FB3C3 }
```

# Background

The CSS property to change the background color of an element to Hex 3FB3C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB3C3 }
```

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

```
.background{ background-color:#3FB3C3 }
```

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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