

# Converting Colors

Hex(3FBACF)

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

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# Color

Hex(3FBACF)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBACF
RGB	63, 186, 207
RGB Percent	25%, 73%, 81%
CMY	0.7529, 0.2706, 0.1882
CMYK	0.70, 0.10, 0.00, 0.19
HSL	189°, 60%, 53%
HSV	189°, 70%, 81%
XYZ	30.8713, 40.6796, 65.2563
YIQ	151.6170, -80.0490, -19.5450

# Conversions

## Conversions Part 2

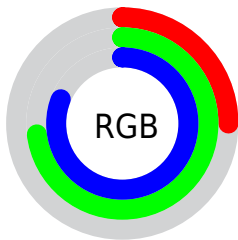
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 129, 207</a>
Decimal	<a href="#">4176591</a>
CIELab	<a href="#">69.95, -26.78, -20.43</a>
CIElCh	<a href="#">70, 33.685, 217.341</a>
Yxy	<a href="#">40.6796, 0.2257, 0.2973</a>
Android (android.graphics.Color)	<a href="#">4282366671 (0xFF3FBACF)</a>
YUV	<a href="#">151.6170, 27.3038, -77.7171</a>
Hunter-Lab	<a href="#">63.7805, -25.2177, -16.0155</a>

# Details

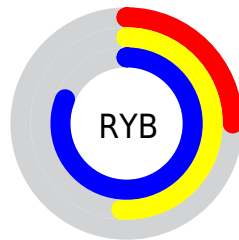
The Hex color **3FBACF** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CF543F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **81F2FF**, and **008499** is the 20% darker color. If you saturate the color by 10%, you get **2AB7CF**, and if you desaturate by 10%, it is **54BDCF**.

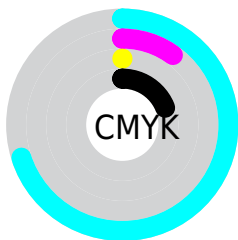
# Distribution



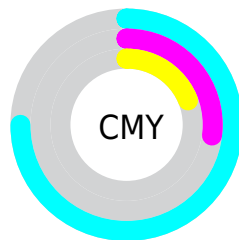
- Red (25%)
- Green (73%)
- Blue (81%)



- Red (25%)
- Yellow (51%)
- Blue (81%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (75%)
- Magenta (27%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 3FBACF

 3FBACF

FFFFFF

 089FB3

 81F2FF

 008499

 9FFFFFFF

 006B7F

 BDFFFF

 005266

 DBFFFF

 003B4E

 FAFFFF

 002537

 000222

 000008

 000000

 3FBACF

 3FBACF

 2AB7CF

 54BDCF

 16B4CF

 68C0CF

 01B1CF

 7DC3CF

 00B1CF

 92C6CF

 A7C9CF

 BBCCCF

 D0CFCF

 E5D2CF

 F9D5CF

# Harmonies

## Analogous

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



4FBCB2



3FBACF



5DB4E3

# Triad

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



3FBACF



D897C3



B8AC6E

# Complementary

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



3FBACF



CF543F

# 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.



D4A173



3FBACF



E794A4

# Square

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



3FBACF



B9A0DC



E49887



97B479

# Rectangle

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



3FBACF



7DAFE8



E49887



C2A86E

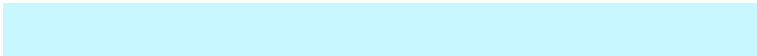


# Sweetspot

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



3FBACF



C9F7FF



3FCF52



607B80



000000



808080

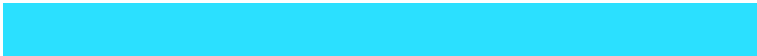


# Same Dimension

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



3FBACF



2BE0FF



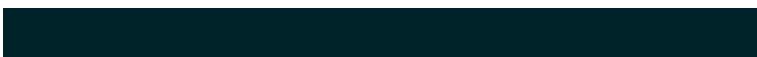
3F74CF



5E6769



0090A8



002329



# Inverse Universe

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



CF3FBA



FF2BE0



CF9A3F



695E67



A80090

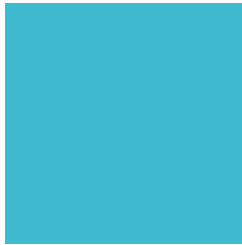


290023



# Previews

## White Background



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

## Color Contrast Check

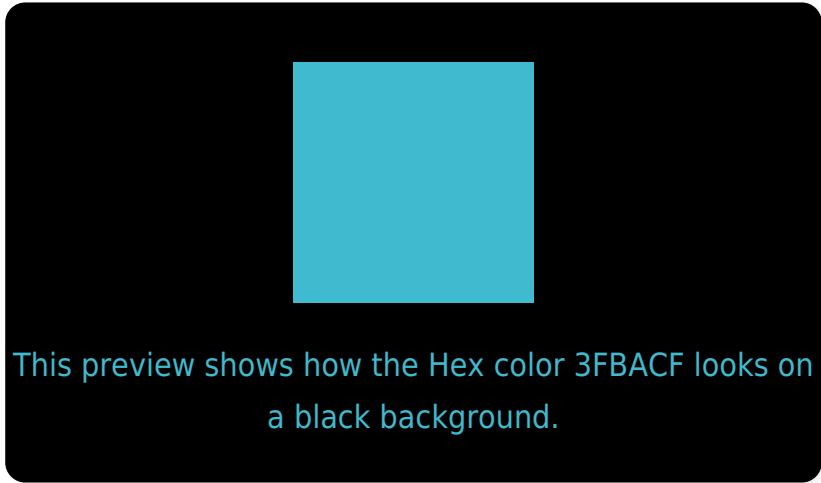
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

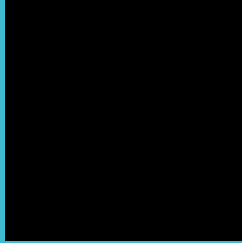
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FBACF Background



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

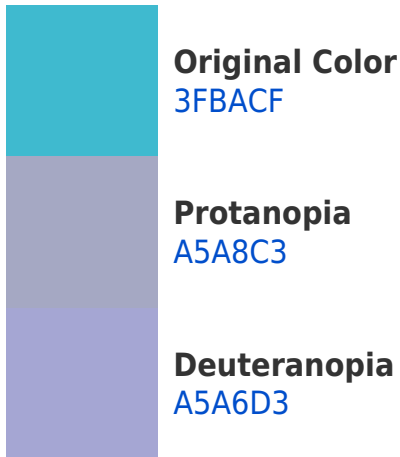


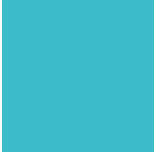
This preview shows how white text looks on a background with the Hex color 3FBACF.

# Color Blindness Simulation

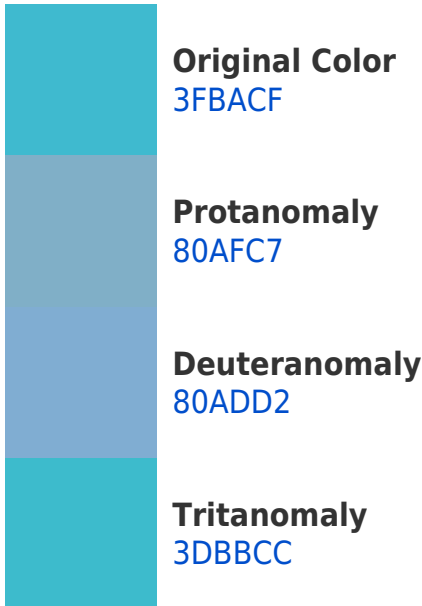
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

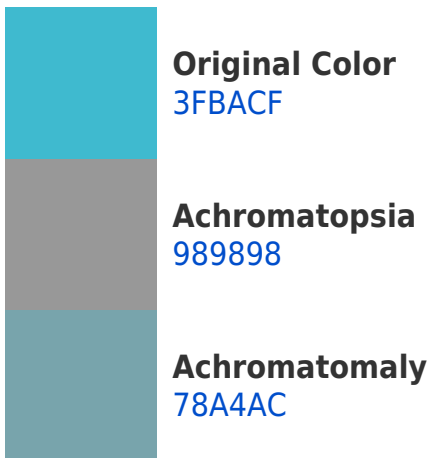




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3FBACF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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