

# Converting Colors

Hex(3FBEC9)

Have a look what the booklet for  
Hex(3FBEC9) contains.

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**Color**

**Hex(3FBEC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBEC9
RGB	63, 190, 201
RGB Percent	25%, 75%, 79%
CMY	0.7529, 0.2549, 0.2118
CMYK	0.69, 0.05, 0.00, 0.21
HSL	185°, 56%, 52%
HSV	185°, 69%, 79%
XYZ	31.0060, 42.1007, 61.7504
YIQ	153.2810, -79.2230, -23.5030

# Conversions

## Conversions Part 2

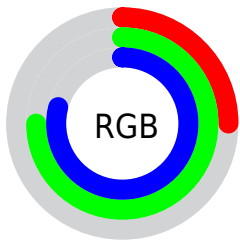
Format	Color
<a href="#">RYB</a>	<a href="#">63, 129, 201</a>
Decimal	<a href="#">4177609</a>
CIELab	<a href="#">70.94, -30.55, -15.65</a>
CIELCh	<a href="#">71, 34.323, 207.128</a>
Yxy	<a href="#">42.1007, 0.2299, 0.3122</a>
Android (android.graphics.Color)	<a href="#">4282367689</a> ( <a href="#">0xFF3FBEC9</a> )
YUV	<a href="#">153.2810, 23.5255, -79.1764</a>
Hunter-Lab	<a href="#">64.8851, -28.2509, -11.0061</a>

# Details

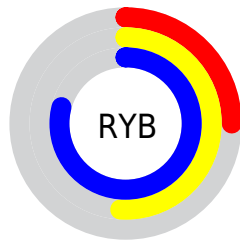
The Hex color **3FBEC9** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C94A3F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **80F7FF**, and **008893** is the 20% darker color. If you saturate the color by 10%, you get **2BBCC9**, and if you desaturate by 10%, it is **53C0C9**.

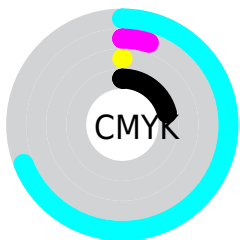
# Distribution



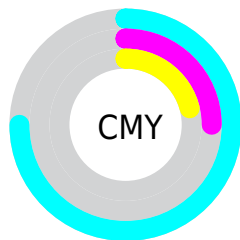
- Red (25%)
- Green (75%)
- Blue (79%)



- Red (25%)
- Yellow (51%)
- Blue (79%)



- Cyan (69%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (25%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FBEC9 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 3FBEC9 by changing the saturation by 10% instead.



 3FBEC9

 3FBEC9

FFFFFF

 09A3AE

 80F7FF

 008893

 9FFFFFF

 006E79

 BDFFFF

 005660

 DBFFFF

 003E49

 FAFFFF

 002832

 00081E

 000000

 3FBEC9

 3FBEC9

■ 2BBCC9

■ 53C0C9

■ 17BBC9

■ 67C1C9

■ 03B9C9

■ 7BC3C9

■ 00B9C9

■ 8FC4C9

■ A4C6C9

■ B8C8C9

■ CCC9C9

■ E0CBC9

■ F4CCC9

# Harmonies

## Analogous

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



5BBEA9



3FBEC9



4FBAE1

# Triad

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



3FBEC9



D29CD0



C6AB6F

# Complementary

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



3FBEC9



C94A3F

# 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.



DEA07A



3FBEC9



E796B2

# Square

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



3FBEC9



ADA7E5



EB9893



A5B475

# Rectangle

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



3FBEC9



6DB5EA



EB9893



CFA771



# Sweetspot

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



3FBEC9



C9FBFF



3FC948



607D80



000000



808080

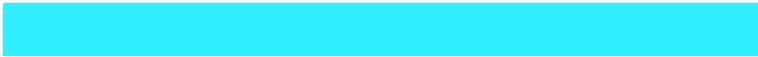


# Same Dimension

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



3FBEC9



2EEEFF



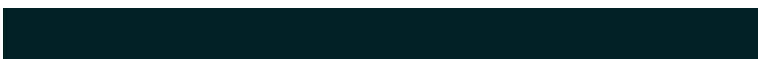
3F7BC9



5A6363



0096A3



002124



# Inverse Universe

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



C93FBE



FF2EEE



C98D3F



635A63



A30096

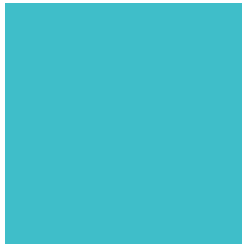


240021



# Previews

## White Background



This preview shows how the Hex color 3FBEC9 looks on a white background.

## Color Contrast Check

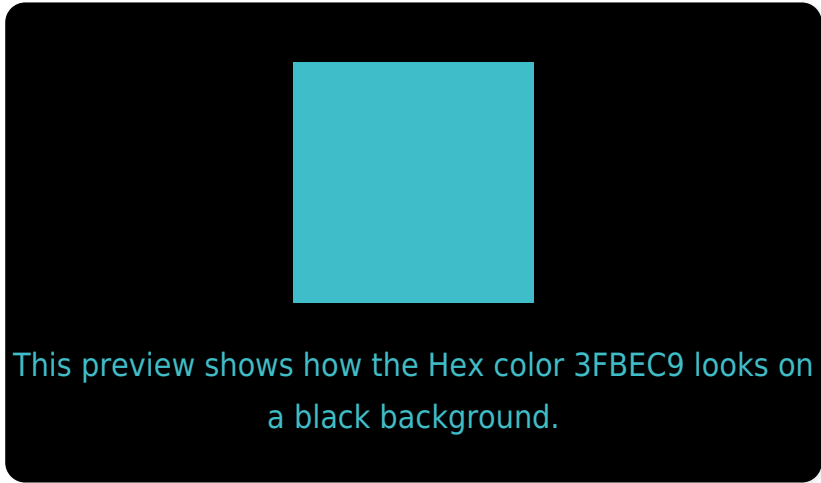
Large Text (above 18pt) WCAG AA × Fail

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

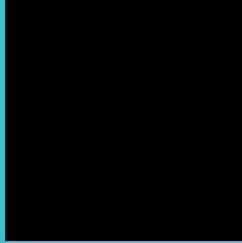
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

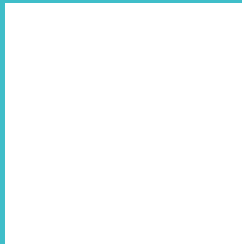
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FBEC9 Background



This preview shows how black text looks on a background with the Hex color 3FBEC9.

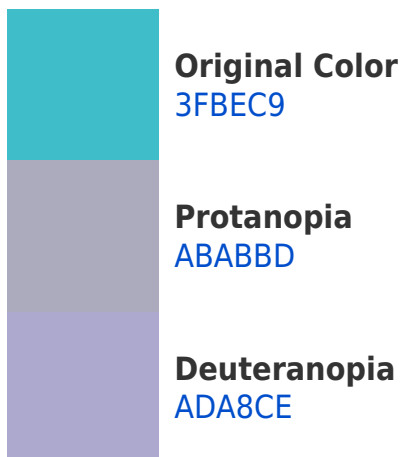


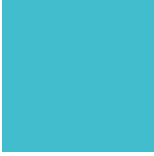
This preview shows how white text looks on a background with the Hex color 3FBEC9.

# 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](#).

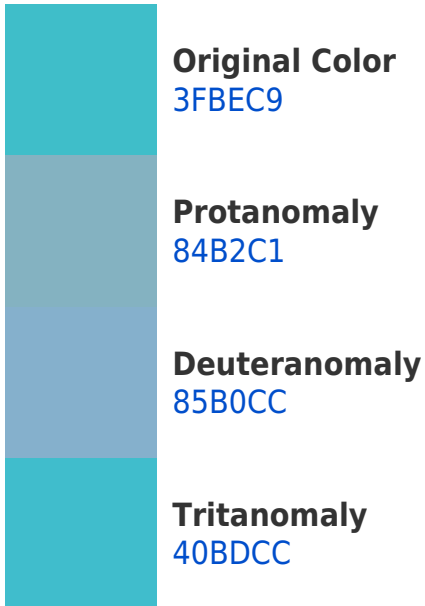
## Dichromacy



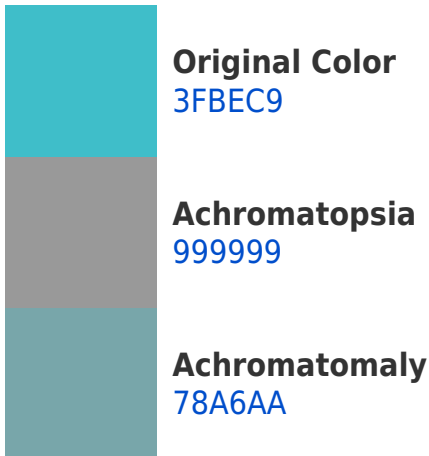


**Tritanopia**  
41BDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FBEC9 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 #3FBEC9 looks like.

```
.text, #text, p{  
    color:#3FBEC9  
}
```

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 #3FBEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBEC9
}
```

## Border

The CSS property to change the border of an element to Hex 3FBEC9 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
#3FBEC9 }
```

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

```
.border{ border-color:#3FBEC9 }
```

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

Here you see how a box with a 4 pixel #3FBEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBEC9; -webkit-box-shadow:4px 4px  
4px 4px #3FBEC9; box-shadow:4px 4px 4px  
4px #3FBEC9 }
```

# Background

The CSS property to change the background color of an element to Hex 3FBEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBEC9 }
```

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

```
.background{ background-color:#3FBEC9 }
```

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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