

# Converting Colors

Hex(3BC584)

Have a look what the booklet for  
Hex(3BC584) contains.

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**Color**

**Hex(3BC584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BC584
RGB	59, 197, 132
RGB Percent	23%, 77%, 52%
CMY	0.7686, 0.2275, 0.4824
CMYK	0.70, 0.00, 0.33, 0.23
HSL	152°, 54%, 50%
HSV	152°, 70%, 77%
XYZ	25.9347, 42.5283, 28.6717
YIQ	148.3280, -61.3830, -49.4710

# Conversions

## Conversions Part 2

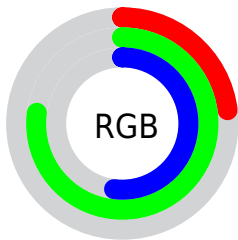
Format	Color
<a href="#">RYB</a>	<a href="#">59, 149, 197</a>
Decimal	<a href="#">3917188</a>
CIELab	<a href="#">71.23, -51.70, 22.21</a>
CIELCh	<a href="#">71, 56.273, 156.753</a>
Yxy	<a href="#">42.5283, 0.2670, 0.4378</a>
Android (android.graphics.Color)	<a href="#">4282107268 (0xFF3BC584)</a>
YUV	<a href="#">148.3280, -8.0497, -78.3407</a>
Hunter-Lab	<a href="#">65.2137, -43.1365, 19.5823</a>

# Details

The Hex color **3BC584** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C53B7C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BFFB9**, and **008E52** is the 20% darker color. If you saturate the color by 10%, you get **27C57B**, and if you desaturate by 10%, it is **4FC58D**.

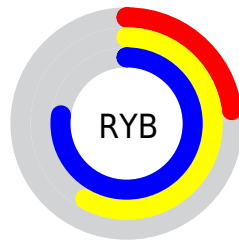
# Distribution



Red (23%)

Green (77%)

Blue (52%)



Red (23%)

Yellow (58%)

Blue (77%)

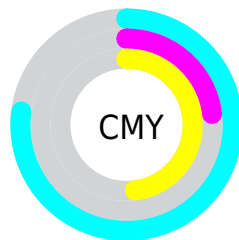


Cyan (70%)

Magenta (0%)

Yellow (33%)

Black (23%)



Cyan (77%)

Magenta (23%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BC584 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 3BC584 by changing the saturation by 10% instead.





3BC584



3BC584

FFFFFF



05A96B



7BFFB9



008E52



99FFD5



00743A



B7FFF2



005A24



D5FFFF



00410E



F3FFFF



002B00



000800



000000



3BC584



3BC584

 27C57B

 4FC58D

 14C571

 62C597

 00C568

 76C5A0

 8AC5A9

 9EC5B2

 B1C5BC

 C5C5C5

 D9C5CE

 ECC5D8

# Harmonies

## Analogous

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



8ABD58



3BC584



00C8B9

# Triad

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



3BC584



65B0FF



FF8B74

# Complementary

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



3BC584



C53B7C

# 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.



FF81A5



3BC584



C19CFF

# Square

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



3BC584



00BFFF



F689D8



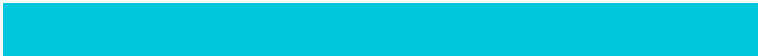
EC9D4F

# Rectangle

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



3BC584



00C7DB



F689D8



FF8683

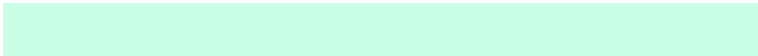


# Sweetspot

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



3BC584



C9FFE6



7EC53B



608070



000000



808080



# Same Dimension

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



3BC584



29FF9A



3BC3C5



5A635F



00A356



002413



# Inverse Universe

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



C53B7C



FF298E



C53D3B



635A5E



A3004D



240011



# Previews

## White Background



This preview shows how the Hex color 3BC584 looks on a white background.

## Color Contrast Check

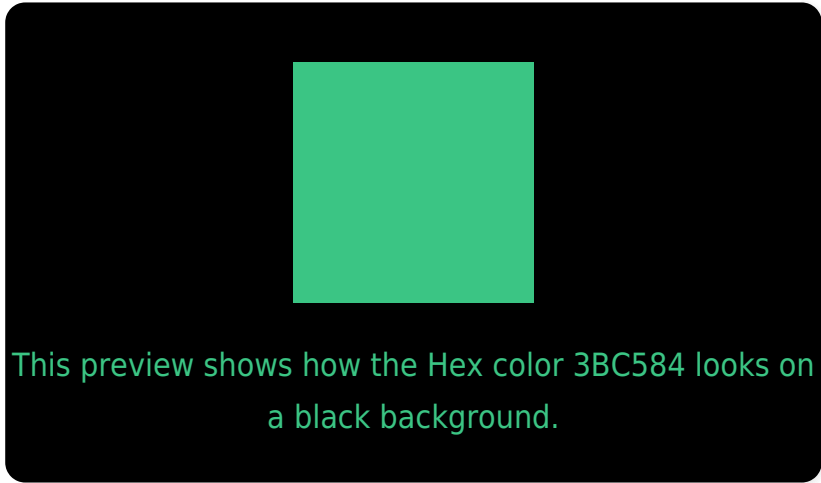
Large Text (above 18pt) WCAG AA × Fail

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

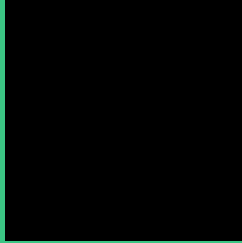
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BC584 Background



This preview shows how black text looks on a background with the Hex color 3BC584.

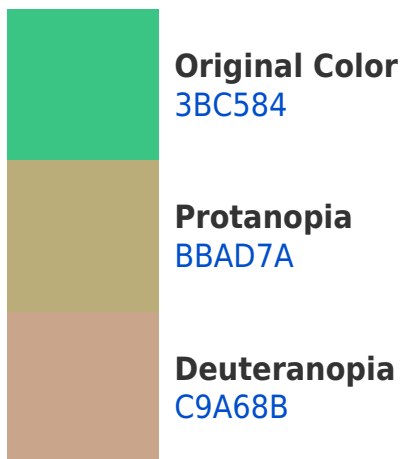


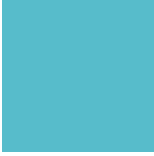
This preview shows how white text looks on a background with the Hex color 3BC584.

# 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](#).

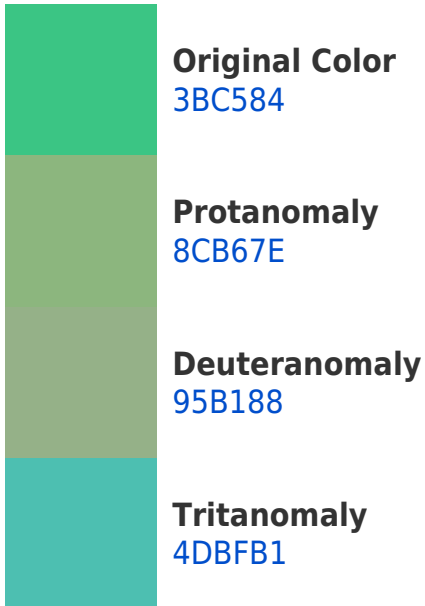
## Dichromacy



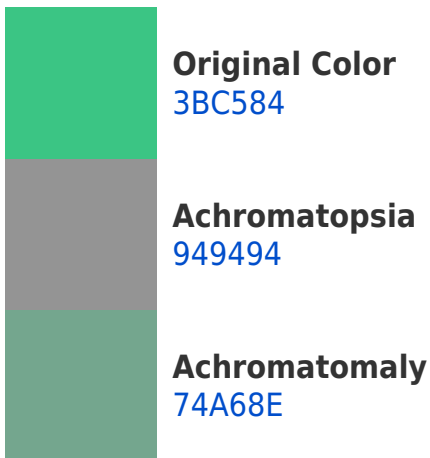


**Tritanopia**  
57BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BC584 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 #3BC584 looks like.

```
.text, #text, p{  
    color:#3BC584  
}
```

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 #3BC584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC584
}
```

## Border

The CSS property to change the border of an element to Hex 3BC584 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
#3BC584 }
```

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

```
.border{ border-color:#3BC584 }
```

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

Here you see how a box with a 4 pixel #3BC584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC584; -webkit-box-shadow:4px 4px  
4px 4px #3BC584; box-shadow:4px 4px 4px  
4px #3BC584 }
```

# Background

The CSS property to change the background color of an element to Hex 3BC584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC584 }
```

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

```
.background{ background-color:#3BC584 }
```

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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