

# Converting Colors

Hex(347BD9)

Have a look what the booklet for  
Hex(347BD9) contains.

<b>Hex(347BD9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(347BD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	347BD9
RGB	52, 123, 217
RGB Percent	20%, 48%, 85%
CMY	0.7961, 0.5176, 0.1490
CMYK	0.76, 0.43, 0.00, 0.15
HSL	214°, 68%, 53%
HSV	214°, 76%, 85%
XYZ	21.0235, 19.9057, 68.3798
YIQ	112.4870, -72.4900, 14.1820

# Conversions

## Conversions Part 2

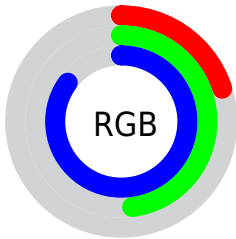
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 102, 217
Decimal	3439577
CIELab	51.73, 10.44, -54.50
CIELCh	52, 55.487, 280.848
Yxy	19.9057, 0.1923, 0.1821
Android (android.graphics.Color)	4281629657 (0xFF347BD9)
YUV	112.4870, 51.5249, -53.0471
Hunter-Lab	44.6158, 6.0336, -59.6388

# Details

The Hex color **347BD9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **D99234**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **79AFFF**, and **004BA1** is the 20% darker color. If you saturate the color by 10%, you get **1E6FD9**, and if you desaturate by 10%, it is **4A87D9**.

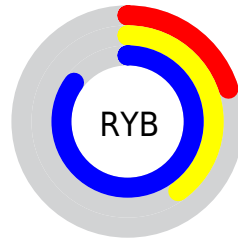
# Distribution



Red (20%)

Green (48%)

Blue (85%)



Red (20%)

Yellow (40%)

Blue (85%)

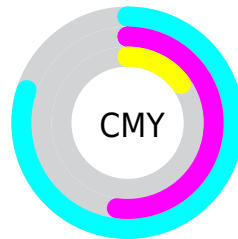


Cyan (76%)

Magenta (43%)

Yellow (0%)

Black (15%)



Cyan (80%)

Magenta (52%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347BD9 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 347BD9 by changing the saturation by 10% instead.



■ 347BD9

■ 347BD9

FFFFFF

■ 0062BD

■ 79AFFE

■ 004BA1

■ 97CAFF

■ 003587

■ B6E6FF

■ 00216D

■ D4FFFF

■ 000954

■ F2FFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 347BD9

■ 347BD9

■ 1E6FD9

■ 4A87D9

■ 0962D9

■ 5F94D9

■ 005DD9

■ 75A0D9

■ 8BACD9

■ A1B9D9

■ B6C5D9

■ CCD2D9

■ E2DED9

■ F7EAD9

# Harmonies

## Analogous

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



0089D5



347BD9



9367C4

# Triad

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



347BD9



C85A3F



00905A

# Complementary

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



347BD9



D99234

# 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.



4F8A2D



347BD9



AC6E1A

# Square

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



347BD9



D14D6C



837E0C



00928C

# Rectangle

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



347BD9



B559AA



837E0C



028E4B



# Sweetspot

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



347BD9



C4DEFF



34D991



5C6B80



000000



808080



# Same Dimension

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



347BD9



177BFF



3F34D9



63676E



004BAD



00142E



# Inverse Universe

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



D9347B



FF177B



CED934



6E6367



AD004B

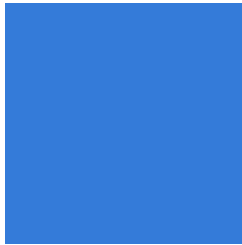


2E0014



# Previews

## White Background



This preview shows how the Hex color 347BD9 looks on a white background.

## Color Contrast Check

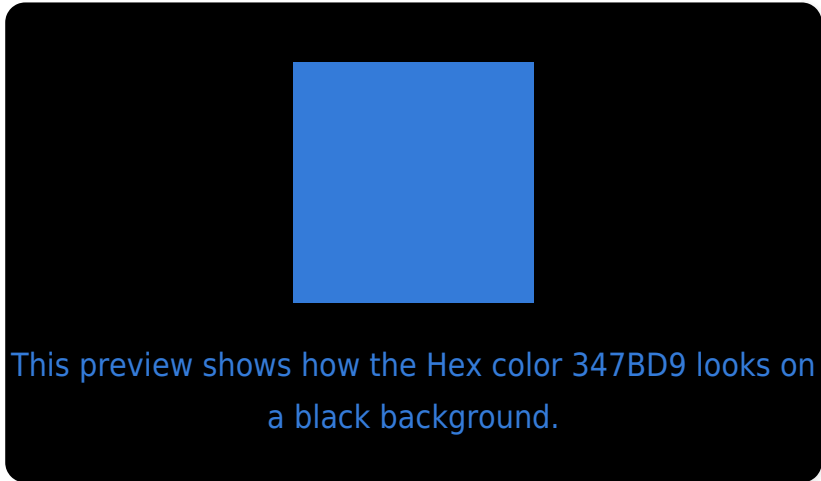
Large Text (above 18pt) WCAG AA ✓ Pass

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

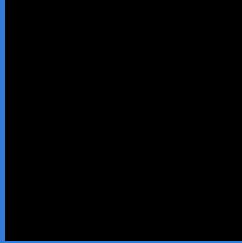
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

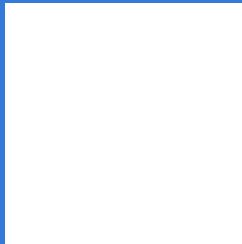
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 347BD9 Background



This preview shows how black text looks on a background with the Hex color 347BD9.

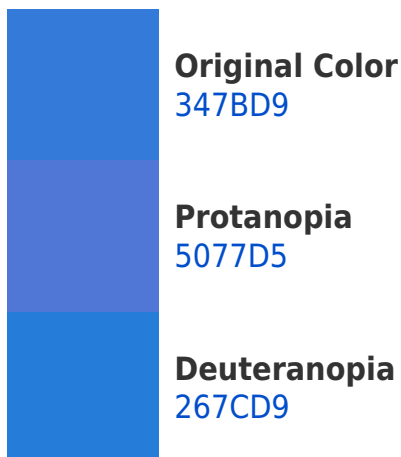


This preview shows how white text looks on a background with the Hex color 347BD9.

# 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](#).

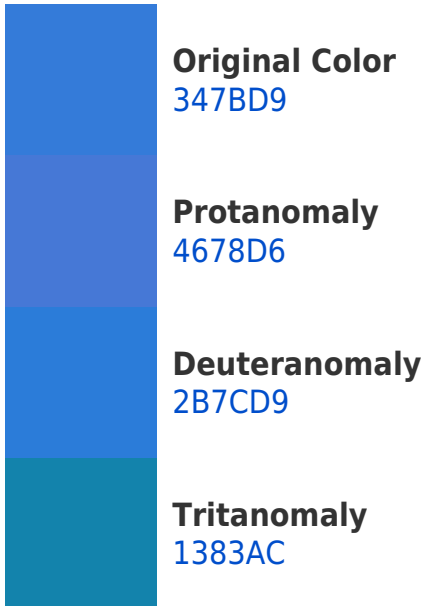
## Dichromacy



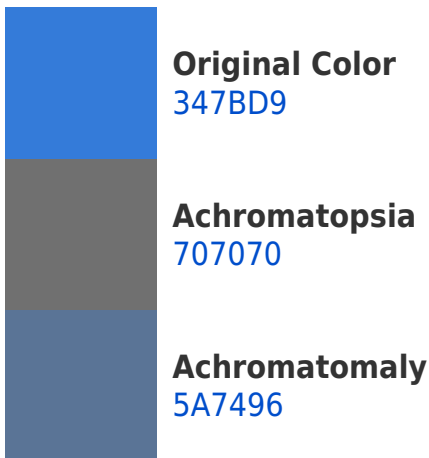


**Tritanopia**  
008892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347BD9 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 #347BD9 looks like.

```
.text, #text, p{  
    color:#347BD9  
}
```

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 #347BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347BD9
}
```

## Border

The CSS property to change the border of an element to Hex 347BD9 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
#347BD9 }
```

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

```
.border{ border-color:#347BD9 }
```

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

Here you see how a box with a 4 pixel #347BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347BD9; -webkit-box-shadow:4px 4px  
4px 4px #347BD9; box-shadow:4px 4px 4px  
4px #347BD9 }
```

# Background

The CSS property to change the background color of an element to Hex 347BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347BD9 }
```

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

```
.background{ background-color:#347BD9 }
```

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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