

# Converting Colors

Hex(3947BF)

Have a look what the booklet for  
Hex(3947BF) contains.

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# Color

Hex(3947BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3947BF
RGB	57, 71, 191
RGB Percent	22%, 28%, 75%
CMY	0.7765, 0.7216, 0.2510
CMYK	0.70, 0.63, 0.00, 0.25
HSL	234°, 54%, 49%
HSV	234°, 70%, 75%
XYZ	13.3446, 9.1379, 50.3507
YIQ	80.4940, -46.8640, 34.3520

# Conversions

## Conversions Part 2

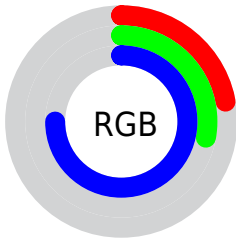
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 70, 191
Decimal	3753919
CIELab	36.25, 34.66, -64.58
CIElCh	36, 73.291, 298.225
Yxy	9.1379, 0.1832, 0.1255
Android (android.graphics.Color)	4281943999 (0xFF3947BF)
YUV	80.4940, 54.4795, -20.6042
Hunter-Lab	30.2290, 25.8979, -77.5956

# Details

The Hex color **3947BF** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BFB139**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7977F8**, and **001C88** is the 20% darker color. If you saturate the color by 10%, you get **2636BF**, and if you desaturate by 10%, it is **4C58BF**.

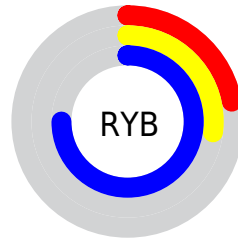
# Distribution



Red (22%)

Green (28%)

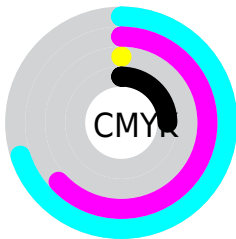
Blue (75%)



Red (22%)

Yellow (27%)

Blue (75%)

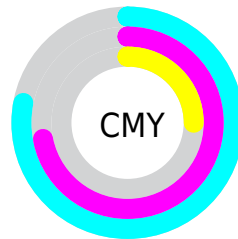


Cyan (70%)

Magenta (63%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (72%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3947BF 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 3947BF by changing the saturation by 10% instead.



■ 3947BF

■ 3947BF

FFFFFF

■ 0231A3

■ 7977F8

■ 001C88

■ 9791FF

■ 00096E

■ B4ACFF

■ 000055

■ D2C7FF

■ 00063D

■ F0E3FF

■ 000226

■ 00010F

■ 000000

■ 3947BF

■ 3947BF

■ 2636BF

■ 4C58BF

■ 1325BF

■ 5F69BF

■ 0014BF

■ 727ABF

■ 858BBF

■ 999DBF

■ ACAEBF

■ BFBFBF

■ D2D0BF

■ E5E1BF

# Harmonies

## Analogous

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



005FCD



3947BF



951794

# Triad

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



3947BF



983500



006C50

# Complementary

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



3947BF



BFB139

# 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.



006909



3947BF



6C5200

# Square

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



3947BF



B20022



306100



006D8C

# Rectangle

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



3947BF



AF006F



306100



006B3B



# Sweetspot

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



3947BF



C3C9F7



39BFAF



5E617D



FCFCFC



7D7D7D



# Same Dimension

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



3947BF



283DF7



6C39BF



55565E



00119E



00031F



# Inverse Universe

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



BF3947



F7283D



8CBF39



5E5556



9E0011

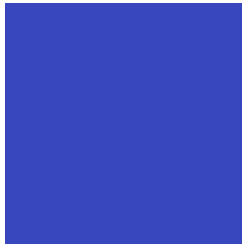


1F0003



# Previews

## White Background



This preview shows how the Hex color 3947BF looks on a white background.

## Color Contrast Check

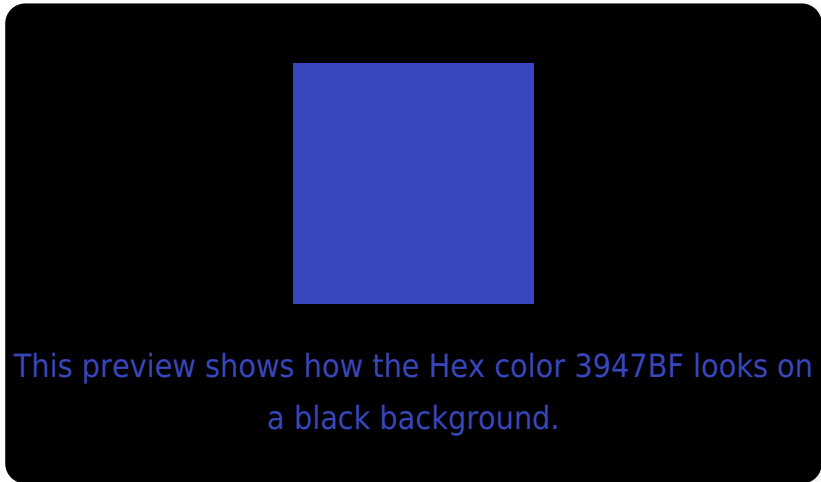
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

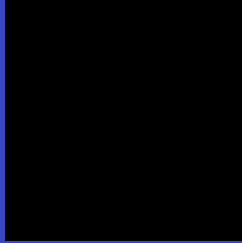
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3947BF Background



This preview shows how black text looks on a background with the Hex color 3947BF.

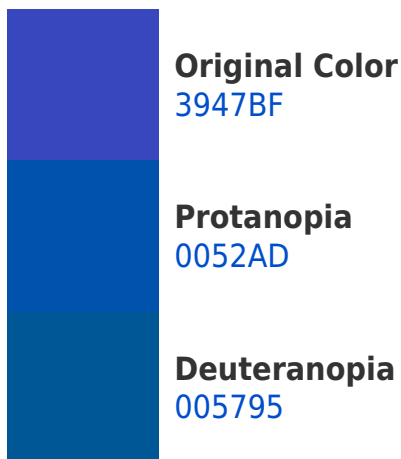


This preview shows how white text looks on a background with the Hex color 3947BF.

# 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](#).

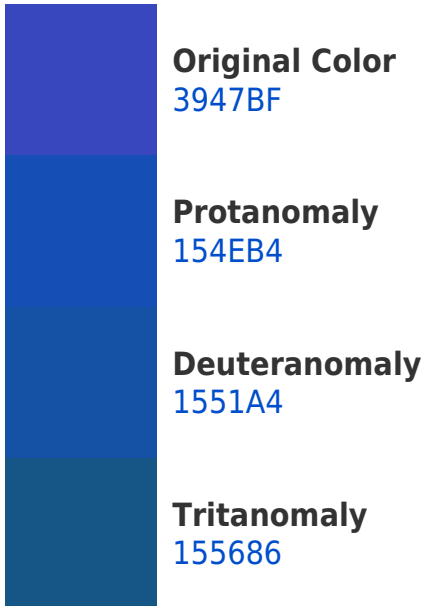
## Dichromacy





**Tritanopia**  
005E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3947BF 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 #3947BF looks like.

```
.text, #text, p{  
    color:#3947BF  
}
```

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 #3947BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3947BF
}
```

## Border

The CSS property to change the border of an element to Hex 3947BF 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".

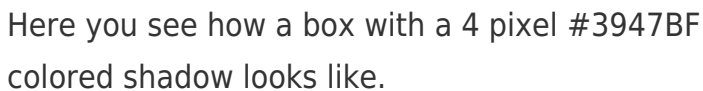
```
.border, #border, table{ border:4px solid
#3947BF }
```

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

```
.border{ border-color:#3947BF }
```

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

Here you see how a box with a 4 pixel #3947BF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3947BF; -webkit-box-shadow:4px 4px  
4px 4px #3947BF; box-shadow:4px 4px 4px  
4px #3947BF }
```

# Background

The CSS property to change the background color of an element to Hex 3947BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3947BF }
```

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

```
.background{ background-color:#3947BF }
```

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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