

# Converting Colors

Hex(3B3BC4)

Have a look what the booklet for  
Hex(3B3BC4) contains.

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# Color

Hex(3B3BC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B3BC4
RGB	59, 59, 196
RGB Percent	23%, 23%, 77%
CMY	0.7686, 0.7686, 0.2314
CMYK	0.70, 0.70, 0.00, 0.23
HSL	240°, 54%, 50%
HSV	240°, 70%, 77%
XYZ	13.3314, 8.0433, 53.0744
YIQ	74.6180, -43.9770, 42.6070

# Conversions

## Conversions Part 2

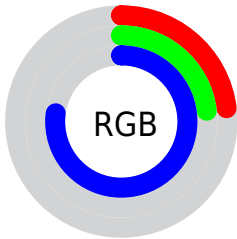
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 59, 196
Decimal	3881924
CIE <sub>Lab</sub>	34.07, 43.95, -71.07
CIE <sub>LCh</sub>	34, 83.562, 301.737
Yxy	8.0433, 0.1791, 0.1080
Android (android.graphics.Color)	4282072004 (0xFF3B3BC4)
YUV	74.6180, 59.8413, -13.6970
Hunter-Lab	28.3606, 34.2759, -91.1035

# Details

The Hex color **3B3BC4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C4C43B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7C6BFE**, and **000F8D** is the 20% darker color. If you saturate the color by 10%, you get **2727C4**, and if you desaturate by 10%, it is **4F4FC4**.

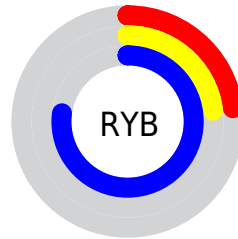
# Distribution



Red (23%)

Green (23%)

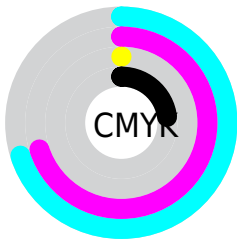
Blue (77%)



Red (23%)

Yellow (23%)

Blue (77%)

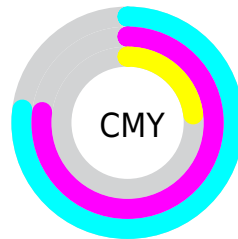


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (77%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B3BC4 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 3B3BC4 by changing the saturation by 10% instead.



 3B3BC4

 3B3BC4

FFFFFF

 0224A8

 7C6BFE

 000F8D

 9A85FF

 000072

 B99FFF

 000059

 D7BBFF

 000740

 F5D7FF

 000329

 FFF3FF

 000113

 000000

 3B3BC4

 3B3BC4

 2727C4

 4F4FC4

 1414C4

 6262C4

 0000C4

 7676C4

 8989C4

 9D9DC4

 B1B1C4

 C4C4C4

 D8D8C4

 EBEB C4

# Harmonies

## Analogous

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



005AD9



3B3BC4



9D0090

# Triad

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



3B3BC4



922F00



006853

# Complementary

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



3B3BC4



C4C3B

# 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.



006500



3B3BC4



5F5000

# Square

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



3B3BC4



B3000E



055F00



006996

# Rectangle

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



3B3BC4



B60066



055F00



00673B



# Sweetspot

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



3B3BC4



C9C9FF



3BC4C4



606080



000000



808080



# Same Dimension

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



3B3BC4



2929FF



803BC4



575761



0000A1



000021



# Inverse Universe

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



C43BC4



FF29FF



80C43B



615761



A100A1

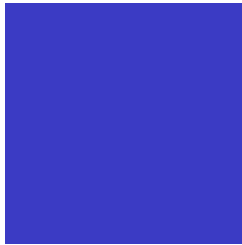


210021



# Previews

## White Background



This preview shows how the Hex color 3B3BC4 looks on a white background.

## Color Contrast Check

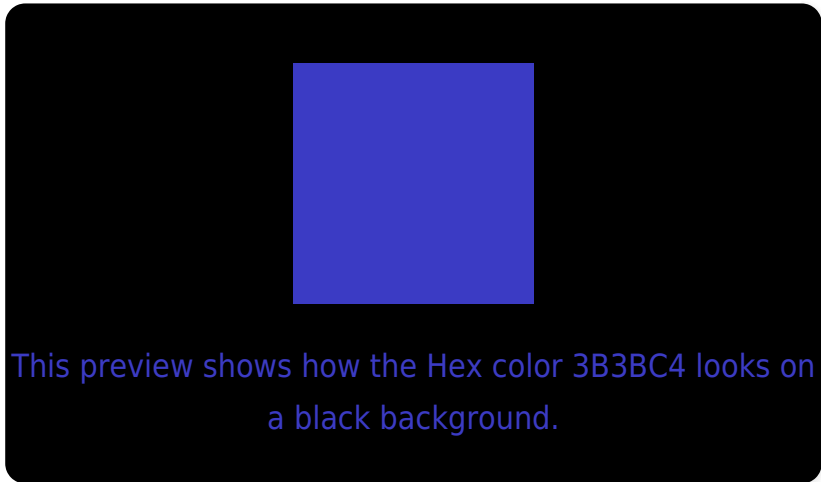
Large Text (above 18pt) WCAG AA ✓ Pass

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

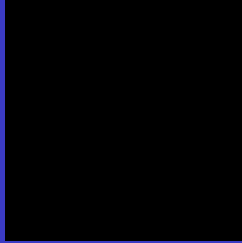
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B3BC4 Background



This preview shows how black text looks on a background with the Hex color 3B3BC4.



This preview shows how white text looks on a background with the Hex color 3B3BC4.

# 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**  
00595F

# Trichromacy



**Original Color**  
3B3BC4

**Protanomaly**  
1546AE

**Deuteranomaly**  
154AA0

**Tritanomaly**  
154E84

# Monochromacy



**Original Color**  
3B3BC4

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
454577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B3BC4 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 #3B3BC4 looks like.

```
.text, #text, p{  
    color:#3B3BC4  
}
```

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 #3B3BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3BC4
}
```

## Border

The CSS property to change the border of an element to Hex 3B3BC4 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
#3B3BC4 }
```

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

```
.border{ border-color:#3B3BC4 }
```

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

Here you see how a box with a 4 pixel #3B3BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3BC4; -webkit-box-shadow:4px 4px  
4px 4px #3B3BC4; box-shadow:4px 4px 4px  
4px #3B3BC4 }
```

# Background

The CSS property to change the background color of an element to Hex 3B3BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3BC4 }
```

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

```
.background{ background-color:#3B3BC4 }
```

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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