

# Converting Colors

Hex(3B61BA)

Have a look what the booklet for  
Hex(3B61BA) contains.

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# Color

**Hex(3B61BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B61BA
RGB	59, 97, 186
RGB Percent	23%, 38%, 73%
CMY	0.7686, 0.6196, 0.2706
CMYK	0.68, 0.48, 0.00, 0.27
HSL	222°, 52%, 48%
HSV	222°, 68%, 73%
XYZ	14.9413, 13.0244, 48.1808
YIQ	95.7840, -51.2170, 19.6230

# Conversions

## Conversions Part 2

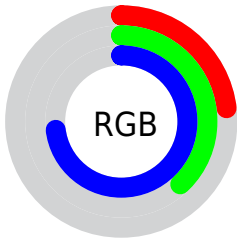
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 88, 186
Decimal	3891642
CIE <sub>Lab</sub>	42.80, 16.40, -51.03
CIE <sub>LCh</sub>	43, 53.597, 287.818
Yxy	13.0244, 0.1962, 0.1710
Android (android.graphics.Color)	4282081722 (0xFF3B61BA)
YUV	95.7840, 44.4765, -32.2596
Hunter-Lab	36.0893, 10.7442, -53.8923

# Details

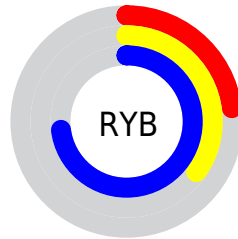
The Hex color **3B61BA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BA943B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7893F3**, and **003484** is the 20% darker color. If you saturate the color by 10%, you get **2854BA**, and if you desaturate by 10%, it is **4E6EBA**.

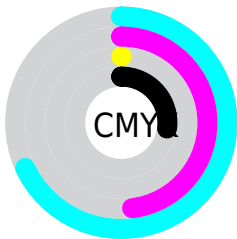
# Distribution



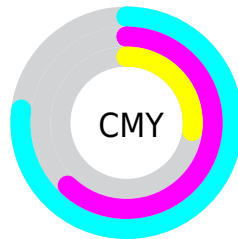
- Red (23%)
- Green (38%)
- Blue (73%)



- Red (23%)
- Yellow (35%)
- Blue (73%)



- Cyan (68%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (62%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B61BA 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 3B61BA by changing the saturation by 10% instead.



■ 3B61BA

■ 3B61BA

FFFFFF

■ 104A9F

■ 7893F3

■ 003484

■ 95AEFF

■ 001F6A

■ B2C9FF

■ 000852

■ CFE5FF

■ 00053A

■ EDFFFF

■ 000223

■ 00000A

■ 000000

■ 3B61BA

■ 3B61BA

■ 2854BA

■ 4E6EBA

■ 1647BA

■ 607BBA

■ 033ABA

■ 7388BA

■ 0038BA

■ 8595BA

■ 98A2BA

■ ABAFBA

■ BDBCBA

■ D0C9BA

■ E2D6BA

# Harmonies

## Analogous

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



006FBC



3B61BA



884DA1

# Triad

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



3B61BA



A64924



007851

# Complementary

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



3B61BA



BA943B

# 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.



287424



3B61BA



895D00

# Square

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



3B61BA



B4384D



616B00



00797F

# Rectangle

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



3B61BA



A23F87



616B00



007742



# Sweetspot

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



3B61BA



C2D0F2



3BBA94



5D667A



FAFAFA



7A7A7A



# Same Dimension

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



3B61BA



2C67F2



543BBA



53555C



002F9C



00081C



# Inverse Universe

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



BA3B61



F22C67



A1BA3B



5C5355



9C002F



1C0008



# Previews

## White Background



This preview shows how the Hex color 3B61BA looks on a white background.

## Color Contrast Check

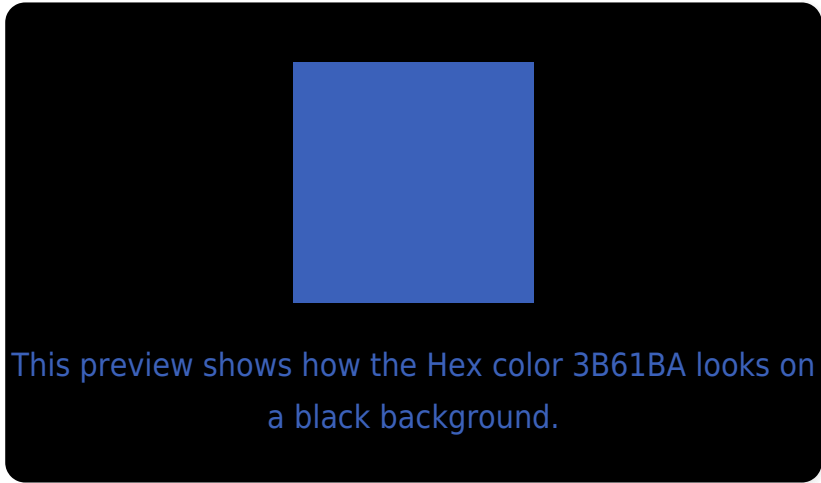
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

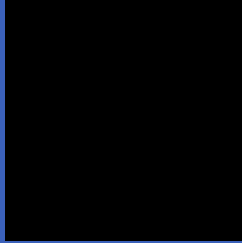
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B61BA Background



This preview shows how black text looks on a background with the Hex color 3B61BA.



This preview shows how white text looks on a background with the Hex color 3B61BA.

# 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](#).

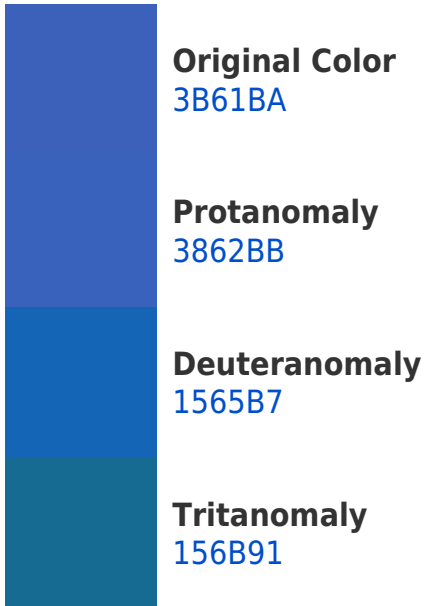
## Dichromacy





**Tritanopia**  
007079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B61BA 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 #3B61BA looks like.

```
.text, #text, p{  
    color:#3B61BA  
}
```

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 #3B61BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B61BA
}
```

## Border

The CSS property to change the border of an element to Hex 3B61BA 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
#3B61BA }
```

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

```
.border{ border-color:#3B61BA }
```

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

Here you see how a box with a 4 pixel #3B61BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B61BA; -webkit-box-shadow:4px 4px  
4px 4px #3B61BA; box-shadow:4px 4px 4px  
4px #3B61BA }
```

# Background

The CSS property to change the background color of an element to Hex 3B61BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B61BA }
```

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

```
.background{ background-color:#3B61BA }
```

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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