

# Converting Colors

Hex(3C6CB1)

Have a look what the booklet for  
Hex(3C6CB1) contains.

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# Color

**Hex(3C6CB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6CB1
RGB	60, 108, 177
RGB Percent	24%, 42%, 69%
CMY	0.7647, 0.5765, 0.3059
CMYK	0.66, 0.39, 0.00, 0.31
HSL	215°, 49%, 46%
HSV	215°, 66%, 69%
XYZ	15.1619, 14.8601, 43.6641
YIQ	101.5140, -50.7570, 11.2830

# Conversions

## Conversions Part 2

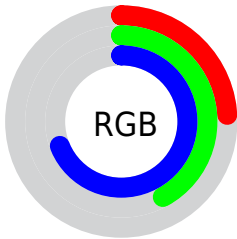
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 94, 177
Decimal	3959985
CIE Lab	45.44, 6.33, -41.55
CIE LCh	45, 42.032, 278.667
Yxy	14.8601, 0.2058, 0.2017
Android (android.graphics.Color)	4282150065 (0xFF3C6CB1)
YUV	101.5140, 37.2146, -36.4078
Hunter-Lab	38.5488, 2.7464, -40.1735

# Details

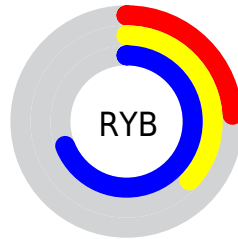
The Hex color **3C6CB1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B1813C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **779FE9**, and **003D7C** is the 20% darker color. If you saturate the color by 10%, you get **2A62B1**, and if you desaturate by 10%, it is **4E76B1**.

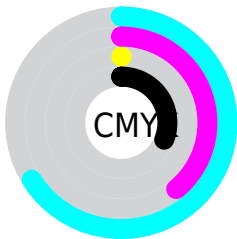
# Distribution



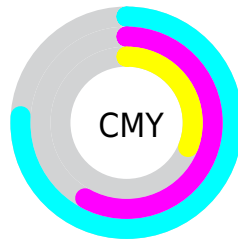
- Red (24%)
- Green (42%)
- Blue (69%)



- Red (24%)
- Yellow (37%)
- Blue (69%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (58%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6CB1 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 3C6CB1 by changing the saturation by 10% instead.



■ 3C6CB1

■ 3C6CB1

FFFFFF

■ 175496

■ 779FE9

■ 003D7C

■ 93BAFF

■ 002863

■ B0D5FF

■ 00144A

■ CDF2FF

■ 000433

■ EBFFFF

■ 00021D

■ 000000

■ 3C6CB1

■ 3C6CB1

■ 2A62B1

■ 4E76B1

■ 1957B1

■ 5F81B1

■ 074DB1

■ 718BB1

■ 0049B1

■ 8396B1

■ 94A0B1

■ A6ABB1

■ B8B5B1

■ CAC0B1

■ DBCAB1

# Harmonies

## Analogous

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



0076AD



3C6CB1



7B5EA3

# Triad

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



3C6CB1



A75341



0E7B51

# Complementary

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



3C6CB1



B1813C

# 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.



507632



3C6CB1



936129

# Square

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



3C6CB1



AC4C63



756D21



007D75

# Rectangle

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



3C6CB1



955591



756D21



2E7A45



# Sweetspot

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



3C6CB1



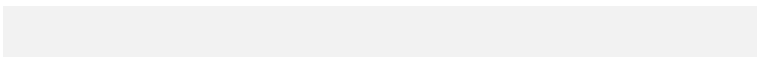
B8CAE6



3CB180



576373



F2F2F2



737373



# Same Dimension

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



3C6CB1



307BE6



463CB1



505459



003F99



000A1A



# Inverse Universe

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



B13C6C



E6307B



A7B13C



595054



99003F

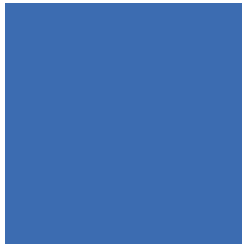


1A000A



# Previews

## White Background



This preview shows how the Hex color 3C6CB1 looks on a white background.

## Color Contrast Check

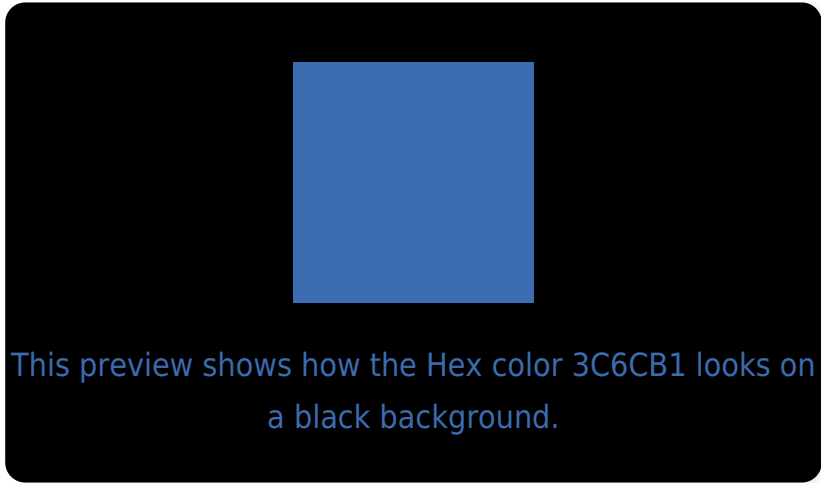
Large Text (above 18pt) WCAG AA ✓ Pass

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

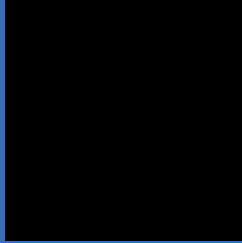
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6CB1 Background



This preview shows how black text looks on a background with the Hex color 3C6CB1.

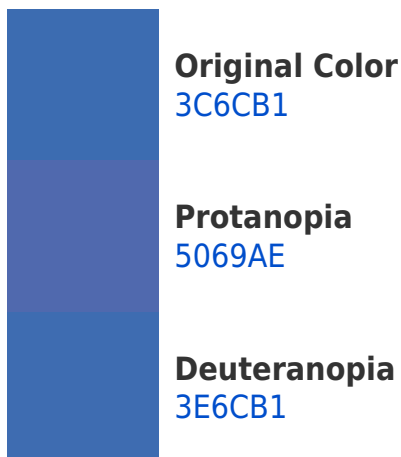


This preview shows how white text looks on a background with the Hex color 3C6CB1.

# 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](#).

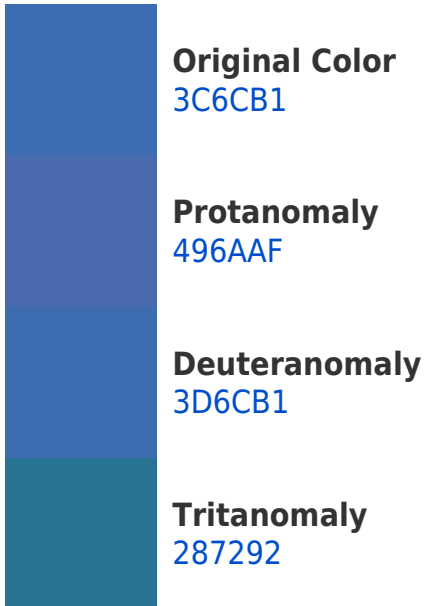
## Dichromacy





**Tritanopia**  
1D7680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6CB1 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 #3C6CB1 looks like.

```
.text, #text, p{  
    color:#3C6CB1  
}
```

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 #3C6CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6CB1
}
```

## Border

The CSS property to change the border of an element to Hex 3C6CB1 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
#3C6CB1 }
```

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

```
.border{ border-color:#3C6CB1 }
```

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

Here you see how a box with a 4 pixel #3C6CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6CB1; -webkit-box-shadow:4px 4px  
4px 4px #3C6CB1; box-shadow:4px 4px 4px  
4px #3C6CB1 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6CB1 }
```

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

```
.background{ background-color:#3C6CB1 }
```

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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