

# Converting Colors

Hex(3C6AC3)

Have a look what the booklet for  
Hex(3C6AC3) contains.

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# Color

Hex(3C6AC3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C6AC3
RGB	60, 106, 195
RGB Percent	24%, 42%, 76%
CMY	0.7647, 0.5843, 0.2353
CMYK	0.69, 0.46, 0.00, 0.24
HSL	220°, 53%, 50%
HSV	220°, 69%, 76%
XYZ	16.8678, 15.2089, 53.6763
YIQ	102.3920, -55.9850, 17.9270

# Conversions

## Conversions Part 2

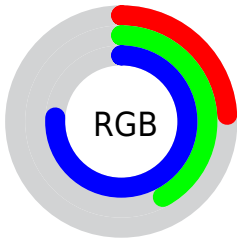
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 94, 195
Decimal	3959491
CIE <sub>Lab</sub>	45.92, 14.09, -51.24
CIE <sub>LCh</sub>	46, 53.138, 285.375
Yxy	15.2089, 0.1967, 0.1774
Android (android.graphics.Color)	4282149571 (0xFF3C6AC3)
YUV	102.3920, 45.6557, -37.1778
Hunter-Lab	38.9985, 8.9583, -54.3059

# Details

The Hex color **3C6AC3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C3953C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7A9DFC**, and **003C8D** is the 20% darker color. If you saturate the color by 10%, you get **295DC3**, and if you desaturate by 10%, it is **5077C3**.

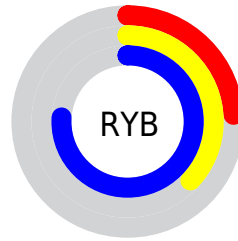
# Distribution



Red (24%)

Green (42%)

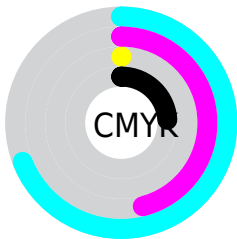
Blue (76%)



Red (24%)

Yellow (37%)

Blue (76%)

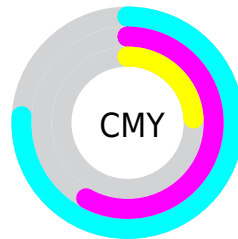


Cyan (69%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6AC3 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 3C6AC3 by changing the saturation by 10% instead.



■ 3C6AC3

■ 3C6AC3

FFFFFF

■ 0F52A7

■ 7A9DFC

■ 003C8D

■ 97B8FF

■ 002773

■ B5D3FF

■ 001459

■ D2EFFF

■ 000741

■ F0FFFF

■ 00032A

■ 000114

■ 000000

■ 3C6AC3

■ 3C6AC3

■ 295DC3

■ 5077C3

■ 1550C3

■ 6384C3

■ 0243C3

■ 7791C3

■ 0042C3

■ 8A9DC3

■ 9EAAC3

■ B1B7C3

■ C5C4C3

■ D8D1C3

■ ECDEC3

# Harmonies

## Analogous

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



0078C3



3C6AC3



8C56AC

# Triad

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



3C6AC3



B1502F



008055

# Complementary

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



3C6AC3



C3953C

# 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.



387B29



3C6AC3



946309

# Square

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



3C6AC3



BC4158



6D7201



008183

# Rectangle

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



3C6AC3



A84993



6D7201



007F46



# Sweetspot

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



3C6AC3



C7D9FC



3CC394



606A80



000000



808080



# Same Dimension

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



3C6AC3



2B72FC



503CC3



575B61



0037A1



000B21



# Inverse Universe

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



C33C6A



FC2B72



AFC33C



61575B



A10037

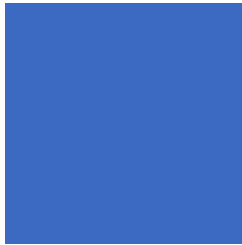


21000B



# Previews

## White Background



This preview shows how the Hex color 3C6AC3 looks on a white background.

## Color Contrast Check

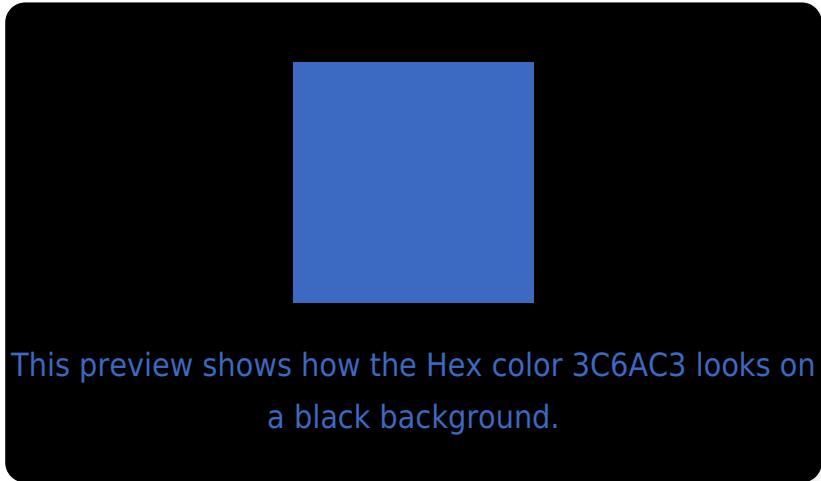
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C6AC3 Background



This preview shows how black text looks on a background with the Hex color 3C6AC3.

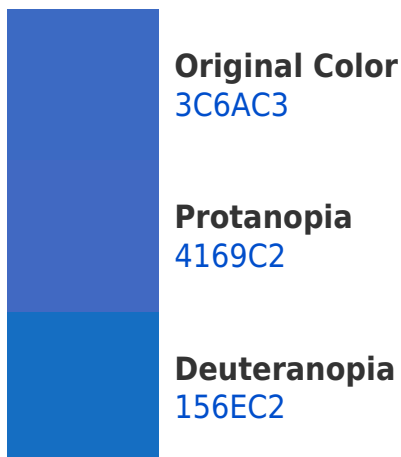


This preview shows how white text looks on a background with the Hex color 3C6AC3.

# Color Blindness Simulation

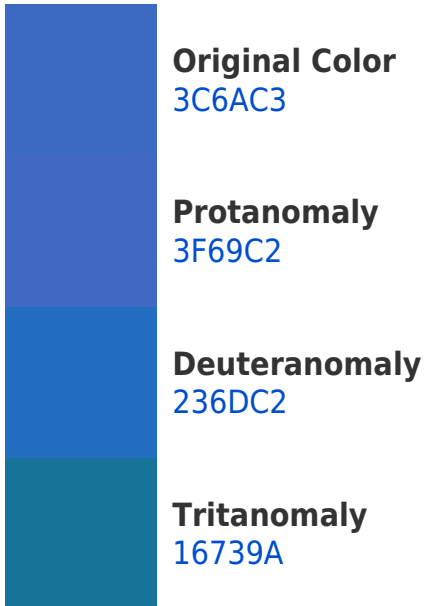
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

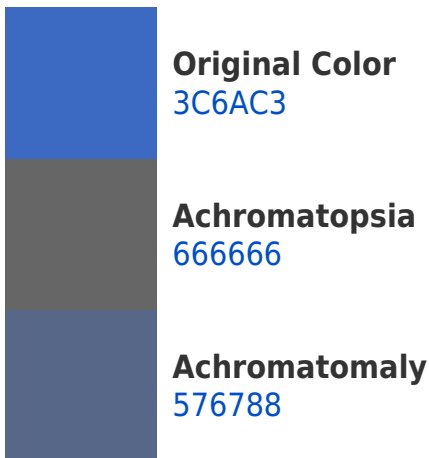




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6AC3 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 #3C6AC3 looks like.

```
.text, #text, p{  
    color:#3C6AC3  
}
```

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 #3C6AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6AC3
}
```

## Border

The CSS property to change the border of an element to Hex 3C6AC3 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
#3C6AC3 }
```

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

```
.border{ border-color:#3C6AC3 }
```

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

Here you see how a box with a 4 pixel #3C6AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6AC3; -webkit-box-shadow:4px 4px  
4px 4px #3C6AC3; box-shadow:4px 4px 4px  
4px #3C6AC3 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6AC3 }
```

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

```
.background{ background-color:#3C6AC3 }
```

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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