

# Converting Colors

Hex(636BCA)

Have a look what the booklet for  
Hex(636BCA) contains.

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# Color

**Hex(636BCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636BCA
RGB	99, 107, 202
RGB Percent	39%, 42%, 79%
CMY	0.6118, 0.5804, 0.2078
CMYK	0.51, 0.47, 0.00, 0.21
HSL	235°, 49%, 59%
HSV	235°, 51%, 79%
XYZ	21.0640, 17.4323, 58.1317
YIQ	115.4380, -35.2630, 27.8490

# Conversions

## Conversions Part 2

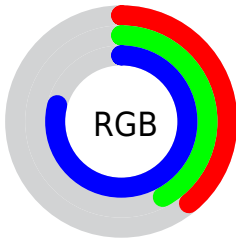
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 106, 202
Decimal	6515658
CIE <sub>Lab</sub>	48.80, 23.27, -50.52
CIE <sub>LCh</sub>	49, 55.624, 294.726
Yxy	17.4323, 0.2180, 0.1804
Android (android.graphics.Color)	4284705738 (0xFF636BCA)
YUV	115.4380, 42.6751, -14.4161
Hunter-Lab	41.7520, 16.9875, -53.3236

# Details

The Hex color **636BCA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CAC263**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9C9EFF**, and **263C93** is the 20% darker color. If you saturate the color by 10%, you get **4F58CA**, and if you desaturate by 10%, it is **777ECA**.

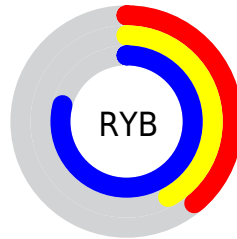
# Distribution



Red (39%)

Green (42%)

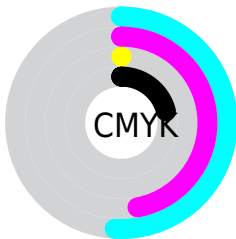
Blue (79%)



Red (39%)

Yellow (42%)

Blue (79%)

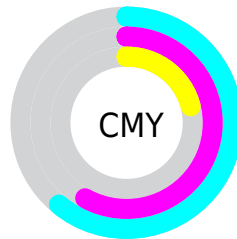


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (21%)



Cyan (61%)

Magenta (58%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636BCA 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 636BCA by changing the saturation by 10% instead.



■ 636BCA

■ 636BCA

FFFFFF

■ 4653AE

■ 9C9EFF

■ 263C93

■ B8B9FF

■ 002779

■ D5D5FF

■ 001360

■ F3F1FF

■ 000047

■ 000430

■ 00011A

■ 000000

■ 636BCA

■ 636BCA

■ 4F58CA

■ 777ECA

■ 3B46CA

■ 8B90CA

■ 2633CA

■ A0A3CA

■ 1220CA

■ B4B6CA

■ 0010CA

■ C8C8CA

■ DCDBCA

■ F0EDCA

■ FFFFCA

# Harmonies

## Analogous

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



007CD2



636BCA



A555AB

# Triad

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



636BCA



B45C26



00896A

# Complementary

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



636BCA



CAC263

# 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.



1E853A



636BCA



926F00

# Square

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



636BCA



C74950



657D0E



008A9A

# Rectangle

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



636BCA



BC498E



657D0E



008859



# Sweetspot

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



636BCA



D9DCFF



63CAC1



696A80



000000



808080



# Same Dimension

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



636BCA



6370FF



8E63CA



5C5D66



000DA6



000326



# Inverse Universe

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



CA636B



FF6370



9FCA63



665C5D



A6000D

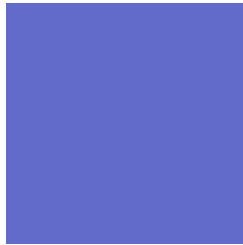


260003



# Previews

## White Background



This preview shows how the Hex color 636BCA looks on a white background.

## Color Contrast Check

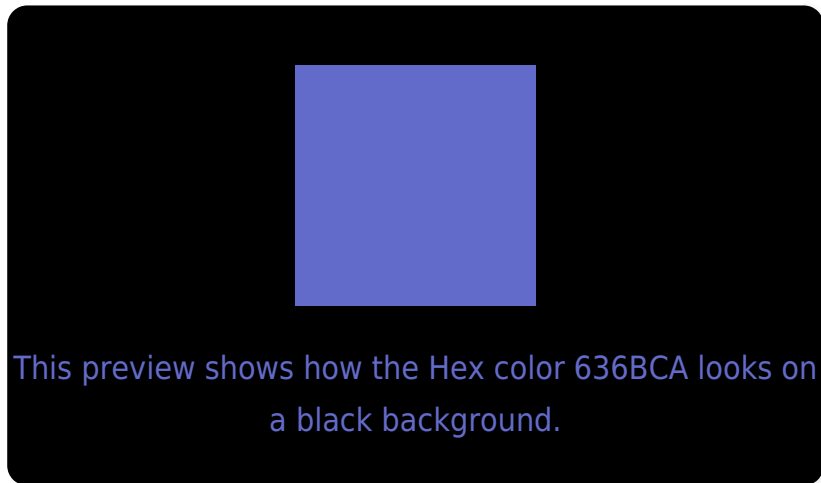
Large Text (above 18pt) WCAG AA ✓ Pass

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 636BCA Background



This preview shows how black text looks on a background with the Hex color 636BCA.

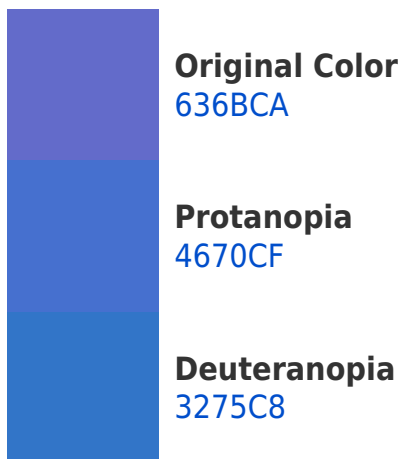


This preview shows how white text looks on a background with the Hex color 636BCA.

# 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](#).

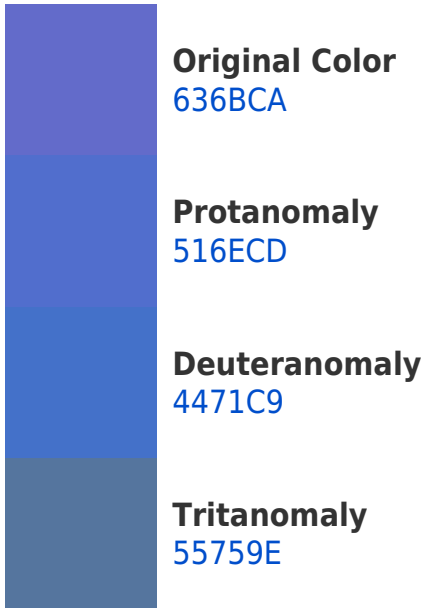
## Dichromacy





**Tritanopia**  
4D7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636BCA 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 #636BCA looks like.

```
.text, #text, p{  
    color:#636BCA  
}
```

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 #636BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636BCA
}
```

## Border

The CSS property to change the border of an element to Hex 636BCA 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
#636BCA }
```

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

```
.border{ border-color:#636BCA }
```

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

Here you see how a box with a 4 pixel #636BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636BCA; -webkit-box-shadow:4px 4px  
4px 4px #636BCA; box-shadow:4px 4px 4px  
4px #636BCA }
```

# Background

The CSS property to change the background color of an element to Hex 636BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636BCA }
```

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

```
.background{ background-color:#636BCA }
```

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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