

# Converting Colors

Hex(666CA6)

Have a look what the booklet for  
Hex(666CA6) contains.

<b>Hex(666CA6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(666CA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666CA6
RGB	102, 108, 166
RGB Percent	40%, 42%, 65%
CMY	0.6000, 0.5765, 0.3490
CMYK	0.39, 0.35, 0.00, 0.35
HSL	234°, 26%, 53%
HSV	234°, 39%, 65%
XYZ	17.7250, 16.3031, 38.2890
YIQ	112.8180, -22.1940, 16.7660

# Conversions

## Conversions Part 2

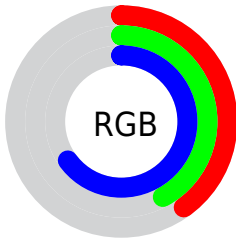
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 107, 166
Decimal	6712486
CIE <sub>Lab</sub>	47.37, 12.52, -31.91
CIE <sub>LCh</sub>	47, 34.277, 291.418
Yxy	16.3031, 0.2451, 0.2254
Android (android.graphics.Color)	4284902566 (0xFF666CA6)
YUV	112.8180, 26.2187, -9.4874
Hunter-Lab	40.3771, 7.6992, -27.9599

# Details

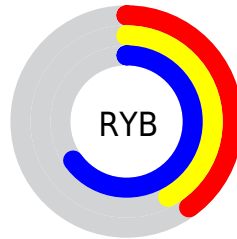
The Hex color **666CA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6A066**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9B9FDD**, and **333D72** is the 20% darker color. If you saturate the color by 10%, you get **555DA6**, and if you desaturate by 10%, it is **777BA6**.

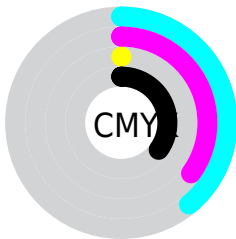
# Distribution



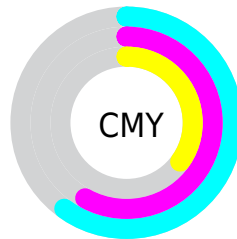
- Red (40%)
- Green (42%)
- Blue (65%)



- Red (40%)
- Yellow (42%)
- Blue (65%)



- Cyan (39%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (58%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666CA6 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 666CA6 by changing the saturation by 10% instead.





666CA6



666CA6

FFFFFF



4C548B



9B9FDD



333D72



B7BAFA



182759



D3D6FF



001341



F0F2FF



00022B



000115



000000



666CA6



666CA6



555DA6



777BA6

■ 454EA6

■ 878AA6

■ 343FA6

■ 9899A6

■ 2430A6

■ A8A8A6

■ 1321A6

■ B9B7A6

■ 0212A6

■ CAC6A6

■ 0010A6

■ DAD5A6

■ EBE4A6

■ FBF3A6

# Harmonies

## Analogous

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



2C76A9



666CA6



8C6195

# Triad

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



666CA6



9E6144



1A7F67

# Complementary

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



666CA6



A6A066

# 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.



4C7B4B



666CA6



896C36

# Square

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



666CA6



A75A5D



6D7539



007F84

# Rectangle

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



666CA6



9D5B83



6D7539



2F7E5D



# Sweetspot

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



666CA6



BFC1D9



66A6A0



5E606E



EDEDED



6E6E6E



# Same Dimension

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



666CA6



757ED9



8066A6



4C4D54



000E94



000214



# Inverse Universe

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



A6666C



D9757E



8CA666



544C4D



94000E

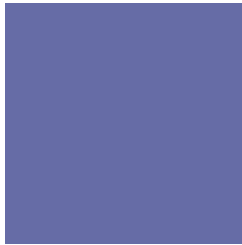


140002



# Previews

## White Background



This preview shows how the Hex color 666CA6 looks on a white background.

## Color Contrast Check

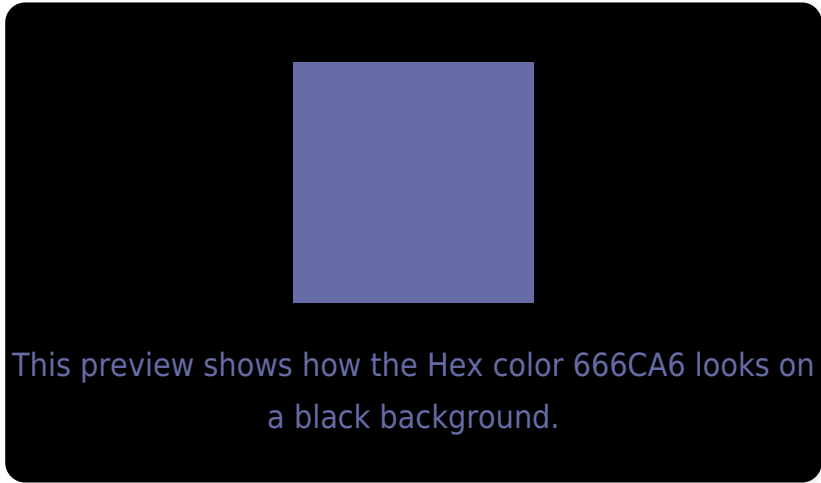
Large Text (above 18pt) WCAG AA ✓ Pass

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

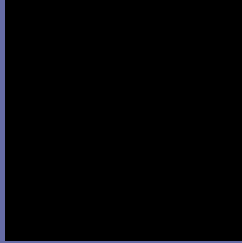
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 666CA6 Background



This preview shows how black text looks on a background with the Hex color 666CA6.



This preview shows how white text looks on a background with the Hex color 666CA6.

# 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



**Original Color**  
666CA6

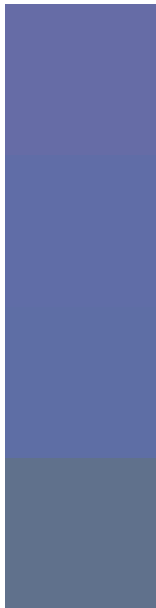
**Protanopia**  
5C6EA8

**Deuteranopia**  
596FA5



**Tritanopia**  
5C747D

# Trichromacy



**Original Color**  
666CA6

**Protanomaly**  
606DA7

**Deuteranomaly**  
5E6EA5

**Tritanomaly**  
60718C

# Monochromacy



**Original Color**  
666CA6

**Achromatopsia**  
717171

**Achromatomaly**  
6D6F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666CA6 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 #666CA6 looks like.

```
.text, #text, p{  
    color:#666CA6  
}
```

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 #666CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666CA6
}
```

## Border

The CSS property to change the border of an element to Hex 666CA6 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".

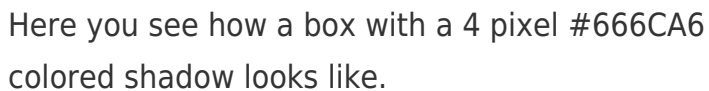
```
.border, #border, table{ border:4px solid
#666CA6 }
```

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

```
.border{ border-color:#666CA6 }
```

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

Here you see how a box with a 4 pixel #666CA6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666CA6; -webkit-box-shadow:4px 4px  
4px 4px #666CA6; box-shadow:4px 4px 4px  
4px #666CA6 }
```

# Background

The CSS property to change the background color of an element to Hex 666CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666CA6 }
```

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

```
.background{ background-color:#666CA6 }
```

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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