

# Converting Colors

Hex(6C66A2)

Have a look what the booklet for  
Hex(6C66A2) contains.

<b>Hex(6C66A2)</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(6C66A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C66A2
RGB	108, 102, 162
RGB Percent	42%, 40%, 64%
CMY	0.5765, 0.6000, 0.3647
CMYK	0.33, 0.37, 0.00, 0.36
HSL	246°, 24%, 52%
HSV	246°, 37%, 64%
XYZ	17.4573, 15.2995, 36.2154
YIQ	110.6340, -15.6840, 19.9320

# Conversions

## Conversions Part 2

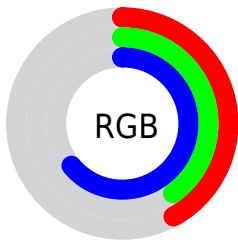
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 102, 162
Decimal	7104162
CIE Lab	46.04, 16.80, -31.60
CIE LCh	46, 35.789, 297.988
Yxy	15.2995, 0.2531, 0.2218
Android (android.graphics.Color)	4285294242 (0xFF6C66A2)
YUV	110.6340, 25.3234, -2.3100
Hunter-Lab	39.1146, 11.2161, -27.5152

# Details

The Hex color **6C66A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9CA266**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A199D9**, and **39376E** is the 20% darker color. If you saturate the color by 10%, you get **5D56A2**, and if you desaturate by 10%, it is **7B76A2**.

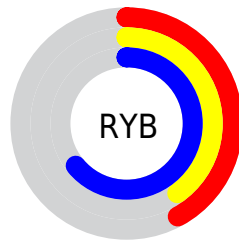
# Distribution



Red (42%)

Green (40%)

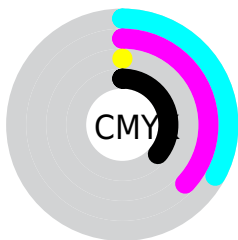
Blue (64%)



Red (42%)

Yellow (40%)

Blue (64%)

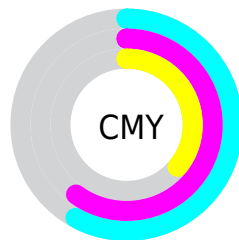


Cyan (33%)

Magenta (37%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (60%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C66A2 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 6C66A2 by changing the saturation by 10% instead.



■ 6C66A2

■ 6C66A2

FFFFFF

■ 524E88

■ A199D9

■ 39376E

■ BDB4F6

■ 202255

■ D9CFFF

■ 040D3E

■ F6ECCF

■ 000327

■ 000111

■ 000000

■ 6C66A2

■ 6C66A2

■ 5D56A2

■ 7B76A2

■ 4F46A2

■ 8986A2

■ 4035A2

■ 9897A2

■ 3225A2

■ A6A7A2

■ 2315A2

■ B5B7A2

■ 1505A2

■ C3C7A2

■ 1000A2

■ D2D7A2

■ E1E8A2

■ EFF8A2

# Harmonies

## Analogous

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



3271A9



6C66A2



905B8D

# Triad

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



6C66A2



98603B



007C6A

# Complementary

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



6C66A2



9CA266

# 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.



3D794C



6C66A2



816B2F

# Square

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



6C66A2



A55653



637436



007C88

# Rectangle

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



6C66A2



9F557A



637436



157C60



# Sweetspot

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



6C66A2



BFBCD4



669CA2



5F5D6B



EBEBEB



6B6B6B



# Same Dimension

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



6C66A2



8077D4



8A66A2



4A4952



0F0091



020012



# Inverse Universe

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



A2669C



D477CA



7EA266



524951



910083



120010



# Previews

## White Background



This preview shows how the Hex color 6C66A2 looks on a white background.

## Color Contrast Check

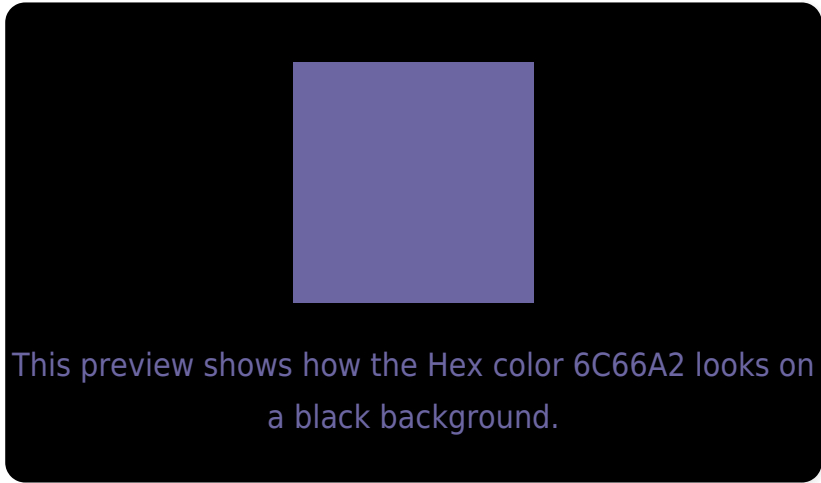
Large Text (above 18pt) WCAG AA ✓ Pass

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

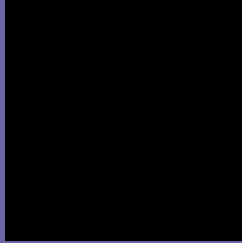
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C66A2 Background



This preview shows how black text looks on a background with the Hex color 6C66A2.

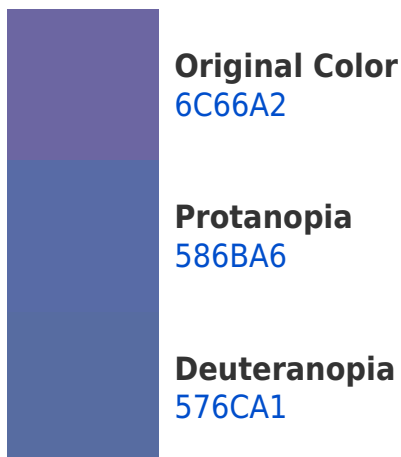


This preview shows how white text looks on a background with the Hex color 6C66A2.

# 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**  
636F78

# Trichromacy



**Original Color**  
6C66A2

**Protanomaly**  
5F69A5

**Deuteranomaly**  
5F6AA1

**Tritanomaly**  
666C87

# Monochromacy



**Original Color**  
6C66A2

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E6C82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C66A2 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 #6C66A2 looks like.

```
.text, #text, p{  
    color:#6C66A2  
}
```

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 #6C66A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C66A2
}
```

## Border

The CSS property to change the border of an element to Hex 6C66A2 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
#6C66A2 }
```

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

```
.border{ border-color:#6C66A2 }
```

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

Here you see how a box with a 4 pixel #6C66A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C66A2; -webkit-box-shadow:4px 4px  
4px 4px #6C66A2; box-shadow:4px 4px 4px  
4px #6C66A2 }
```

# Background

The CSS property to change the background color of an element to Hex 6C66A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C66A2 }
```

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

```
.background{ background-color:#6C66A2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor