

# Converting Colors

Hex(6C67B6)

Have a look what the booklet for  
Hex(6C67B6) contains.

<b>Hex(6C67B6)</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(6C67B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C67B6
RGB	108, 103, 182
RGB Percent	42%, 40%, 71%
CMY	0.5765, 0.5961, 0.2863
CMYK	0.41, 0.43, 0.00, 0.29
HSL	244°, 35%, 56%
HSV	244°, 43%, 71%
XYZ	19.4781, 16.2660, 46.3690
YIQ	113.5010, -22.3790, 25.6290

# Conversions

## Conversions Part 2

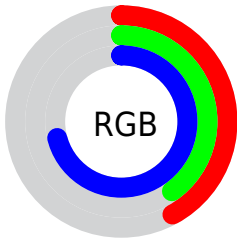
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 103, 182
Decimal	7104438
CIE Lab	47.32, 21.85, -41.30
CIE LCh	47, 46.719, 297.881
Yxy	16.2660, 0.2372, 0.1981
Android (android.graphics.Color)	4285294518 (0xFF6C67B6)
YUV	113.5010, 33.7700, -4.8244
Hunter-Lab	40.3312, 15.6277, -39.9343

# Details

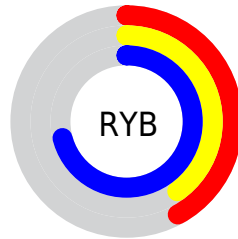
The Hex color **6C67B6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B1B667**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A29AEE**, and **373881** is the 20% darker color. If you saturate the color by 10%, you get **5B55B6**, and if you desaturate by 10%, it is **7D79B6**.

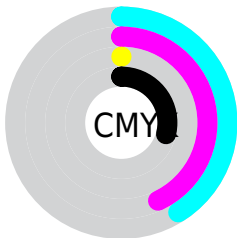
# Distribution



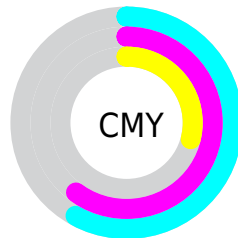
- Red (42%)
- Green (40%)
- Blue (71%)



- Red (42%)
- Yellow (40%)
- Blue (71%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)



- Cyan (58%)
- Magenta (60%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C67B6 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 6C67B6 by changing the saturation by 10% instead.



■ 6C67B6

■ 6C67B6

FFFFFF

■ 514F9B

■ A29AEE

■ 373881

■ BFB5FF

■ 192367

■ DBD0FF

■ 000F4E

■ F8EDFF

■ 000037

■ 000221

■ 000005

■ 000000

■ 6C67B6

■ 6C67B6

■ 5B55B6

■ 7D79B6

■ 4A43B6

■ 8E8BB6

■ 3930B6

■ 9F9EB6

■ 281EB6

■ B0B0B6

■ 170CB6

■ C1C2B6

■ 0C00B6

■ D2D4B6

■ E3E6B6

■ F4F9B6

■ FFFFB6

# Harmonies

## Analogous

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



0076BF



6C67B6



9D569B

# Triad

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



6C67B6



A55E2D



00836C

# Complementary

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



6C67B6



B1B667

# 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.



298044



6C67B6



876D1B

# Square

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



6C67B6



B6504E



617925



008394

# Rectangle

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



6C67B6



B04E82



617925



00825E



# Sweetspot

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



6C67B6



D0CEED



67B2B6



666578



F7F7F7



787878



# Same Dimension

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



6C67B6



7A72ED



9267B6



53535C



0A009C



02001C



# Inverse Universe

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



B667B1



ED72E5



8BB667



5C535B



9C0092

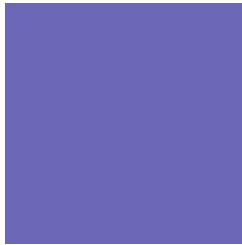


1C001A



# Previews

## White Background



This preview shows how the Hex color 6C67B6 looks on a white background.

## Color Contrast Check

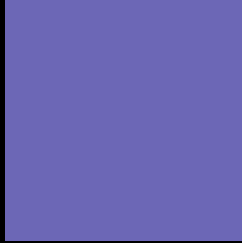
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6C67B6 looks on a 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 6C67B6 Background



This preview shows how black text looks on a background with the Hex color 6C67B6.



This preview shows how white text looks on a background with the Hex color 6C67B6.

# 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](#).

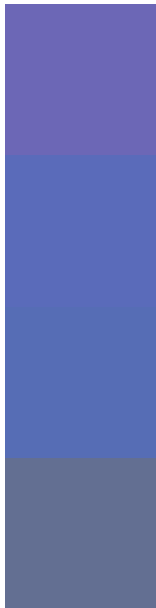
## Dichromacy





**Tritanopia**  
5E747D

# Trichromacy



**Original Color**  
6C67B6

**Protanomaly**  
5A6BBA

**Deuteranomaly**  
566DB5

**Tritanomaly**  
636F92

# Monochromacy



**Original Color**  
6C67B6

**Achromatopsia**  
727272

**Achromatomaly**  
706E8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C67B6 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 #6C67B6 looks like.

```
.text, #text, p{  
    color:#6C67B6  
}
```

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 #6C67B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C67B6
}
```

## Border

The CSS property to change the border of an element to Hex 6C67B6 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
#6C67B6 }
```

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

```
.border{ border-color:#6C67B6 }
```

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

Here you see how a box with a 4 pixel #6C67B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C67B6; -webkit-box-shadow:4px 4px  
4px 4px #6C67B6; box-shadow:4px 4px 4px  
4px #6C67B6 }
```

# Background

The CSS property to change the background color of an element to Hex 6C67B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C67B6 }
```

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

```
.background{ background-color:#6C67B6 }
```

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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