

# Converting Colors

Hex(6F67AE)

Have a look what the booklet for  
Hex(6F67AE) contains.

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# Color

**Hex(6F67AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F67AE
RGB	111, 103, 174
RGB Percent	44%, 40%, 68%
CMY	0.5647, 0.5961, 0.3176
CMYK	0.36, 0.41, 0.00, 0.32
HSL	247°, 30%, 54%
HSV	247°, 41%, 68%
XYZ	19.0458, 16.1360, 42.1551
YIQ	113.4860, -18.0230, 23.7770

# Conversions

## Conversions Part 2

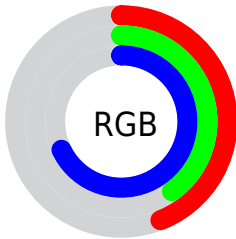
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 103, 174
Decimal	7301038
CIE <sub>Lab</sub>	47.15, 20.38, -36.88
CIE <sub>LCh</sub>	47, 42.140, 298.922
Yxy	16.1360, 0.2463, 0.2086
Android (android.graphics.Color)	4285491118 (0xFF6F67AE)
YUV	113.4860, 29.8334, -2.1802
Hunter-Lab	40.1696, 14.3360, -34.1018

# Details

The Hex color **6F67AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6AE67**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A59AE6**, and **3B3879** is the 20% darker color. If you saturate the color by 10%, you get **6056AE**, and if you desaturate by 10%, it is **7E78AE**.

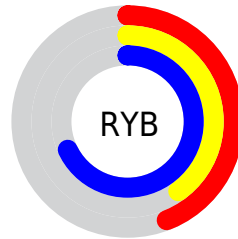
# Distribution



Red (44%)

Green (40%)

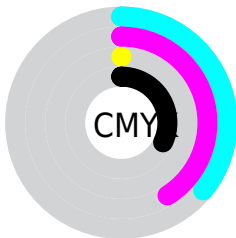
Blue (68%)



Red (44%)

Yellow (40%)

Blue (68%)

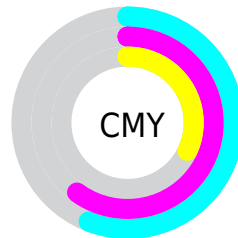


Cyan (36%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (56%)

Magenta (60%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F67AE 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 6F67AE by changing the saturation by 10% instead.



6F67AE

6F67AE

FFFFFF

554F93

A59AE6

3B3879

C1B5FF

212360

DDD1FF

000F48

FAEDFF

000031

00011B

000000

6F67AE

6F67AE

6056AE

7E78AE

5044AE

8E8AAE

4133AE

9D9BAE

3121AE

ADADAE

2210AE

BCBEAE

1400AE

CCCFAE

DBE1AE

EBF2AE

FAFFAE

# Harmonies

## Analogous

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



1B74B7



6F67AE



9A5995

# Triad

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



6F67AE



A06033



00816D

# Complementary

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



6F67AE



A6AE67

# 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.



327E4A



6F67AE



856E25

# Square

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



6F67AE



B05450



61782E



008191

# Rectangle

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



6F67AE



AA527F



61782E



008161



# Sweetspot

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



6F67AE



CBC8E3



67A7AE



646373



F2F2F2



737373



# Same Dimension

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



6F67AE



8074E3



9267AE



4F4E57



110096



030017



# Inverse Universe

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



AE67A6



E374D6



83AE67



574E56



960085



170014



# Previews

## White Background



This preview shows how the Hex color 6F67AE 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 6F67AE 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 6F67AE Background



This preview shows how black text looks on a background with the Hex color 6F67AE.

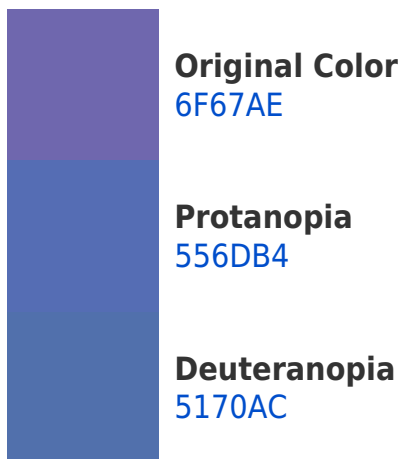


This preview shows how white text looks on a background with the Hex color 6F67AE.

# 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](#).

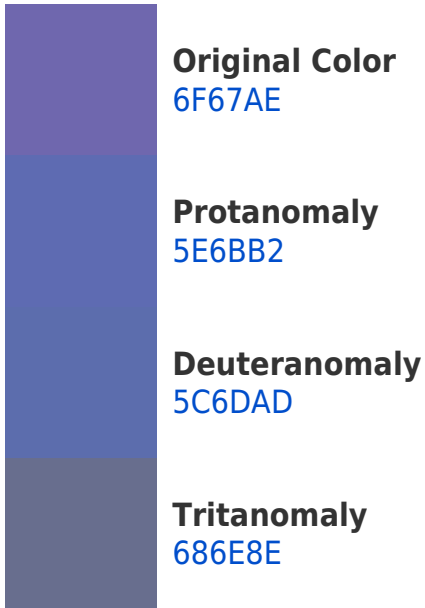
## Dichromacy



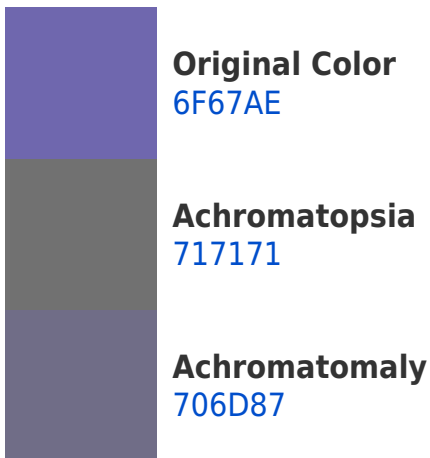


**Tritanopia**  
64727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F67AE 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 #6F67AE looks like.

```
.text, #text, p{  
    color:#6F67AE  
}
```

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 #6F67AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F67AE
}
```

## Border

The CSS property to change the border of an element to Hex 6F67AE 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".

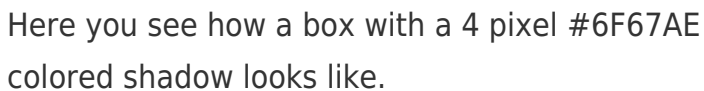
```
.border, #border, table{ border:4px solid
#6F67AE }
```

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

```
.border{ border-color:#6F67AE }
```

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

Here you see how a box with a 4 pixel #6F67AE 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 #6F67AE; -webkit-box-shadow:4px 4px  
4px 4px #6F67AE; box-shadow:4px 4px 4px  
4px #6F67AE }
```

# Background

The CSS property to change the background color of an element to Hex 6F67AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F67AE }
```

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

```
.background{ background-color:#6F67AE }
```

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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