

# Converting Colors

Hex(6F6C9E)

Have a look what the booklet for  
Hex(6F6C9E) contains.

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# Color

**Hex(6F6C9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6C9E
RGB	111, 108, 158
RGB Percent	44%, 42%, 62%
CMY	0.5647, 0.5765, 0.3804
CMYK	0.30, 0.32, 0.00, 0.38
HSL	244°, 20%, 52%
HSV	244°, 32%, 62%
XYZ	18.0897, 16.5733, 34.5933
YIQ	114.5970, -14.2620, 16.1860

# Conversions

## Conversions Part 2

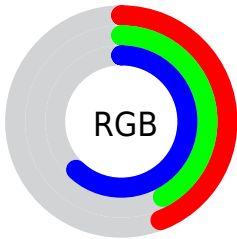
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 108, 158
Decimal	7302302
CIE <sub>Lab</sub>	47.72, 12.96, -26.61
CIE <sub>LCh</sub>	48, 29.602, 295.969
Yxy	16.5733, 0.2612, 0.2393
Android (android.graphics.Color)	4285492382 (0xFF6F6C9E)
YUV	114.5970, 21.3977, -3.1546
Hunter-Lab	40.7103, 8.0738, -21.8841

# Details

The Hex color **6F6C9E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B9E6C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A49FD5**, and **3D3D6A** is the 20% darker color. If you saturate the color by 10%, you get **605C9E**, and if you desaturate by 10%, it is **7E7C9E**.

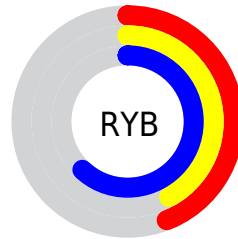
# Distribution



Red (44%)

Green (42%)

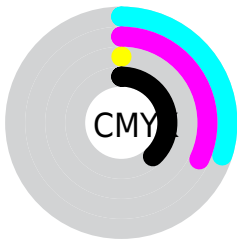
Blue (62%)



Red (44%)

Yellow (42%)

Blue (62%)

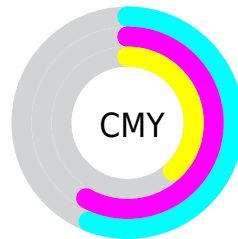


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (58%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6C9E 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 6F6C9E by changing the saturation by 10% instead.



6F6C9E

6F6C9E

FFFFFF

565484

A49FD5

3D3D6A

BFBAF1

252752

DBD6FF

0C133B

F8F2FF

000025

00010D

000000

6F6C9E

6F6C9E

605C9E

7E7C9E

■ 514C9E

■ 8D8C9E

■ 423D9E

■ 9C9B9E

■ 342D9E

■ AAAB9E

■ 251D9E

■ B9BB9E

■ 160D9E

■ C8CB9E

■ 09009E

■ D7DB9E

■ E6EA9E

■ F5FA9E

# Harmonies

## Analogous

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



4675A3



6F6C9E



8D638D

# Triad

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



6F6C9E



976649



2A7E6D

# Complementary

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



6F6C9E



9B9E6C

# 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.



4E7C54



6F6C9E



846F3F

# Square

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



6F6C9E



A15F5D



6B7643



007E86

# Rectangle

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



6F6C9E



9A5F7E



6B7643



377E64



# Sweetspot

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



6F6C9E



BDBCCF



6C9C9E



5E5D69



E8E8E8



696969



# Same Dimension

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



6F6C9E



8580CF



886C9E



48474F



09008F



01000F



# Inverse Universe

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



9E6C9B



CF80CA



839E6C



4F474F



8F0086



0F000E



# Previews

## White Background



This preview shows how the Hex color 6F6C9E 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 6F6C9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

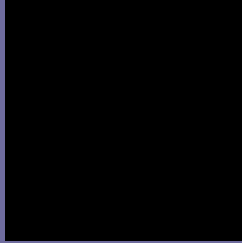
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6C9E Background



This preview shows how black text looks on a background with the Hex color 6F6C9E.



This preview shows how white text looks on a background with the Hex color 6F6C9E.

# 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**  
6F6C9E

**Protanopia**  
626FA1

**Deuteranopia**  
63709D



**Tritanopia**  
68737C

# Trichromacy



**Original Color**  
6F6C9E

**Protanomaly**  
676EA0

**Deuteranomaly**  
676F9D

**Tritanomaly**  
6B7088

# Monochromacy



**Original Color**  
6F6C9E

**Achromatopsia**  
737373

**Achromatomaly**  
727083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6C9E 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 #6F6C9E looks like.

```
.text, #text, p{  
    color:#6F6C9E  
}
```

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 #6F6C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6C9E
}
```

## Border

The CSS property to change the border of an element to Hex 6F6C9E 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
#6F6C9E }
```

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

```
.border{ border-color:#6F6C9E }
```

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

Here you see how a box with a 4 pixel #6F6C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6C9E; -webkit-box-shadow:4px 4px  
4px 4px #6F6C9E; box-shadow:4px 4px 4px  
4px #6F6C9E }
```

# Background

The CSS property to change the background color of an element to Hex 6F6C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6C9E }
```

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

```
.background{ background-color:#6F6C9E }
```

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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