

# Converting Colors

Hex(6F6F96)

Have a look what the booklet for  
Hex(6F6F96) contains.

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# Color

**Hex(6F6F96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6F96
RGB	111, 111, 150
RGB Percent	44%, 44%, 59%
CMY	0.5647, 0.5647, 0.4118
CMYK	0.26, 0.26, 0.00, 0.41
HSL	240°, 16%, 51%
HSV	240°, 26%, 59%
XYZ	17.7450, 16.9504, 31.1907
YIQ	115.4460, -12.5190, 12.1290

# Conversions

## Conversions Part 2

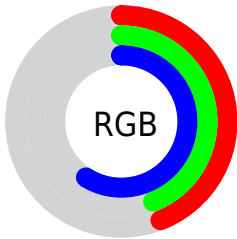
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 111, 150
Decimal	7303062
CIE <sub>Lab</sub>	48.20, 9.06, -21.16
CIE <sub>LCh</sub>	48, 23.013, 293.174
Yxy	16.9504, 0.2693, 0.2573
Android (android.graphics.Color)	4285493142 (0xFF6F6F96)
YUV	115.4460, 17.0351, -3.8991
Hunter-Lab	41.1709, 4.8861, -16.0979

# Details

The Hex color **6F6F96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96966F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A3A3CC**, and **3E3F63** is the 20% darker color. If you saturate the color by 10%, you get **606096**, and if you desaturate by 10%, it is **7E7E96**.

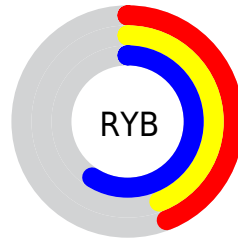
# Distribution



Red (44%)

Green (44%)

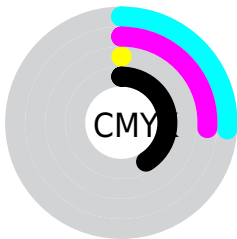
Blue (59%)



Red (44%)

Yellow (44%)

Blue (59%)

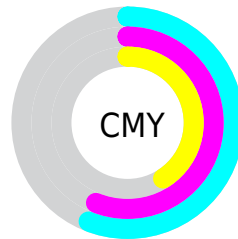


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (41%)



Cyan (56%)

Magenta (56%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6F96 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 6F6F96 by changing the saturation by 10% instead.



■ 6F6F96

■ 6F6F96

FFFFFF

■ 56577C

■ A3A3CC

■ 3E3F63

■ BFBEE9

■ 272A4B

■ DBD9FF

■ 101534

■ F7F6FF

■ 00011F

■ 000002

■ 000000

■ 6F6F96

■ 6F6F96

■ 606096

■ 7E7E96

515196

8D8D96

424296

9C9C96

333396

ABAB96

242496

BABA96

151596

C9C996

060696

D8D896

000096

E7E796

F6F696

# Harmonies

## Analogous

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



527699



6F6F96



87688A

# Triad

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



6F6F96



936954



447D6D

# Complementary

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



6F6F96



96966F

# 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.



5A7A5B



6F6F96



84704C

# Square

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



6F6F96



996564



70764E



347D81

# Rectangle

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



6F6F96



92657E



70764E



4B7C67



# Sweetspot

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



6F6F96



B2B2C2



6F9696



575761



E0E0E0



616161



# Same Dimension

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



6F6F96



8686C2



836F96



43434A



00008A



00000A



# Inverse Universe

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



966F96



C286C2



83966F



4A434A



8A008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 6F6F96 looks on a white background.

## Color Contrast Check

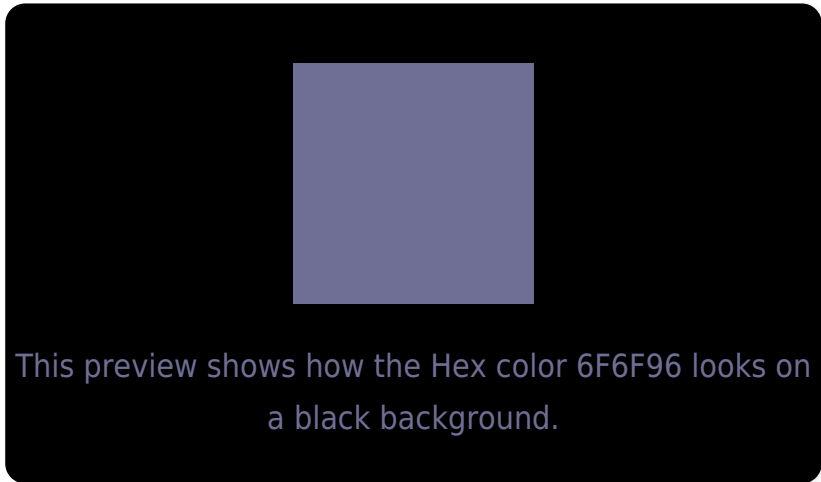
Large Text (above 18pt) WCAG AA ✓ Pass

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

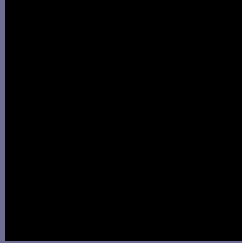
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6F96 Background



This preview shows how black text looks on a background with the Hex color 6F6F96.



This preview shows how white text looks on a background with the Hex color 6F6F96.

# 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**  
6F6F96

**Protanopia**  
687197

**Deuteranopia**  
6A7096



**Tritanopia**  
6A747D

# Trichromacy



**Original Color**  
6F6F96

**Protanomaly**  
6B7097

**Deuteranomaly**  
6C7096

**Tritanomaly**  
6C7286

# Monochromacy



**Original Color**  
6F6F96

**Achromatopsia**  
737373

**Achromatomaly**  
727280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6F96 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 #6F6F96 looks like.

```
.text, #text, p{  
    color:#6F6F96  
}
```

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 #6F6F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6F96
}
```

## Border

The CSS property to change the border of an element to Hex 6F6F96 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
#6F6F96 }
```

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

```
.border{ border-color:#6F6F96 }
```

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

Here you see how a box with a 4 pixel #6F6F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6F96; -webkit-box-shadow:4px 4px  
4px 4px #6F6F96; box-shadow:4px 4px 4px  
4px #6F6F96 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6F96 }
```

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

```
.background{ background-color:#6F6F96 }
```

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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