

# Converting Colors

Hex(6F457B)

Have a look what the booklet for  
Hex(6F457B) contains.

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# Color

**Hex(6F457B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F457B
RGB	111, 69, 123
RGB Percent	44%, 27%, 48%
CMY	0.5647, 0.7294, 0.5176
CMYK	0.10, 0.44, 0.00, 0.52
HSL	287°, 28%, 38%
HSV	287°, 44%, 48%
XYZ	12.2588, 9.0658, 19.8427
YIQ	87.7140, 7.6980, 25.6980

# Conversions

## Conversions Part 2

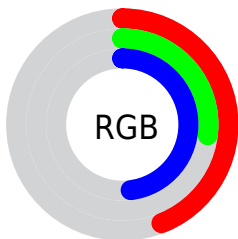
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 69, 123
Decimal	7292283
CIE <sub>Lab</sub>	36.11, 28.01, -23.54
CIE <sub>LCh</sub>	36, 36.590, 319.949
Yxy	9.0658, 0.2978, 0.2202
Android (android.graphics.Color)	4285482363 (0xFF6F457B)
YUV	87.7140, 17.3960, 20.4218
Hunter-Lab	30.1095, 19.9831, -17.9965

# Details

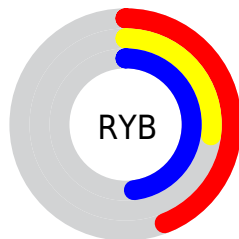
The Hex color **6F457B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **517B45**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A476B0**, and **3E174A** is the 20% darker color. If you saturate the color by 10%, you get **6C397B**, and if you desaturate by 10%, it is **72517B**.

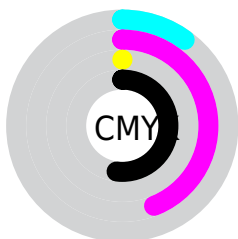
# Distribution



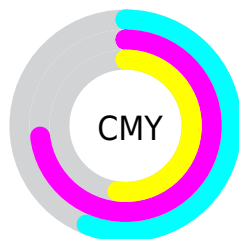
- Red (44%)
- Green (27%)
- Blue (48%)



- Red (44%)
- Yellow (27%)
- Blue (48%)



- Cyan (10%)
- Magenta (44%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (73%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F457B 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 6F457B by changing the saturation by 10% instead.



6F457B

6F457B

FFFFFF

562E62

A476B0

3E174A

BF90CB

270133

DBABE7

0A001E

F8C7FF

000000

FFE3FF

6F457B

6F457B

6C397B

72517B

6A2C7B

745E7B

67207B

776A7B

64147B

7A767B

61077B

7D837B

60007B

7F8F7B

829B7B

85A77B

88B47B

# Harmonies

## Analogous

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



45518C



6F457B



863C60

# Triad

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



6F457B



6D5018



006368

# Complementary

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



6F457B



517B45

# 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.



00634A



6F457B



52591A

# Square

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



6F457B



814529



2F602D



006181

# Rectangle

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



6F457B



8B3A4C



2F602D



00635E



# Sweetspot

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



6F457B



9C8CA1



45527B



4F4552



D1D1D1



525252



# Same Dimension

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



6F457B



8E4CA1



7B456D



3C373D



61007D



C400FC



# Inverse Universe

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



7B4551



A14C5E



457B53



3D3738



7D001C

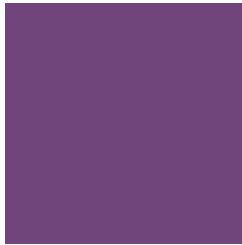


FC0038



# Previews

## White Background



This preview shows how the Hex color 6F457B looks on a white background.

## Color Contrast Check

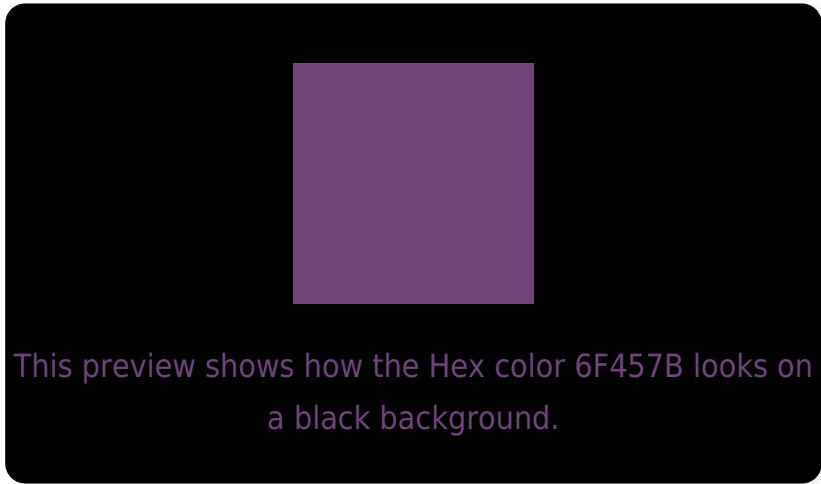
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

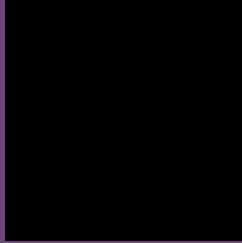
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F457B Background



This preview shows how black text looks on a background with the Hex color 6F457B.

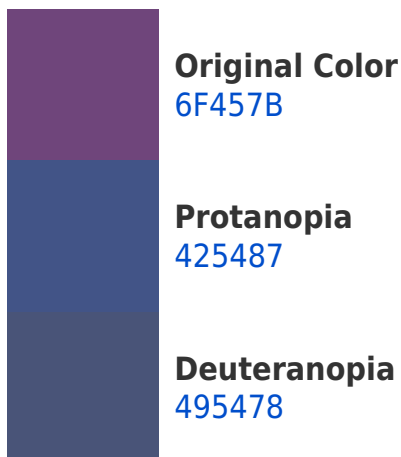


This preview shows how white text looks on a background with the Hex color 6F457B.

# 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**  
694E54

# Trichromacy



**Original Color**  
6F457B

**Protanomaly**  
524F83

**Deuteranomaly**  
574F79

**Tritanomaly**  
6B4B62

# Monochromacy



**Original Color**  
6F457B

**Achromatopsia**  
585858

**Achromatomaly**  
605165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F457B 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 #6F457B looks like.

```
.text, #text, p{  
    color:#6F457B  
}
```

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 #6F457B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F457B  
}
```

## Border

The CSS property to change the border of an element to Hex 6F457B is called "border". The border property can be set on classes, ids or directly on the HTML element.

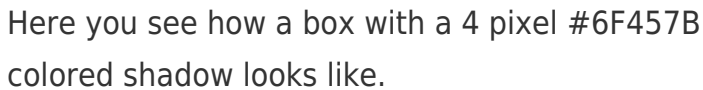
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F457B }
```

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

```
.border{ border-color:#6F457B }
```

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



Here you see how a box with a 4 pixel #6F457B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F457B; -webkit-box-shadow:4px 4px  
4px 4px #6F457B; box-shadow:4px 4px 4px  
4px #6F457B }
```

# Background

The CSS property to change the background color of an element to Hex 6F457B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F457B }
```

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

```
.background{ background-color:#6F457B }
```

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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