

# Converting Colors

Hex(6F457F)

Have a look what the booklet for  
Hex(6F457F) contains.

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# Color

**Hex(6F457F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F457F
RGB	111, 69, 127
RGB Percent	44%, 27%, 50%
CMY	0.5647, 0.7294, 0.5020
CMYK	0.13, 0.46, 0.00, 0.50
HSL	283°, 30%, 38%
HSV	283°, 46%, 50%
XYZ	12.5144, 9.1681, 21.1887
YIQ	88.1700, 6.4140, 26.9420

# Conversions

## Conversions Part 2

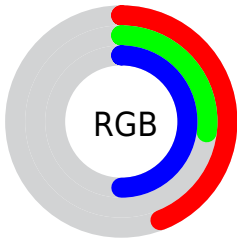
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 69, 127</a>
Decimal	<a href="#">7292287</a>
CIELab	<a href="#">36.31, 28.91, -25.72</a>
CIELCh	<a href="#">36, 38.693, 318.347</a>
Yxy	<a href="#">9.1681, 0.2919, 0.2139</a>
Android (android.graphics.Color)	<a href="#">4285482367 (0xFF6F457F)</a>
YUV	<a href="#">88.1700, 19.1432, 20.0219</a>
Hunter-Lab	<a href="#">30.2788, 20.7874, -20.2952</a>

# Details

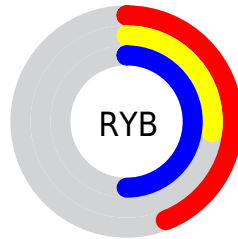
The Hex color **6F457F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **557F45**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A476B4**, and **3D174E** is the 20% darker color. If you saturate the color by 10%, you get **6B387F**, and if you desaturate by 10%, it is **73527F**.

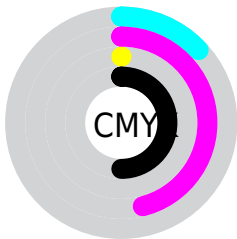
# Distribution



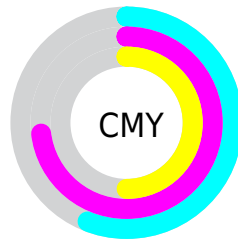
- Red (44%)
- Green (27%)
- Blue (50%)



- Red (44%)
- Yellow (27%)
- Blue (50%)



- Cyan (13%)
- Magenta (46%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F457F 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 6F457F by changing the saturation by 10% instead.



6F457F

6F457F

FFFFFF

562E66

A476B4

3D174E

BF90D0

260136

DCABEC

0B0021

F8C7FF

000005

FFE3FF

000000

6F457F

6F457F

6B387F

73527F

682C7F

765E7F

641F7F

7A6B7F

61127F

7D787F

5D057F

81847F

5C007F

84917F

889E7F

8BAB7F

8FB77F

# Harmonies

## Analogous

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



405291



6F457F



883A63

# Triad

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



6F457F



705014



006468

# Complementary

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



6F457F



557F45

# 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.



006448



6F457F



545A15

# Square

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



6F457F



854328



2F602A



006283

# Rectangle

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



6F457F



8E394E



2F602A



00645D



# Sweetspot

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



6F457F



9F8FA6



45557F



504654



D4D4D4



545454



# Same Dimension

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



6F457F



8D4BA6



7F4572



3E3940



5C0080



000000



# Inverse Universe

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



7F4555



A64B64



457F52



40393B



800023

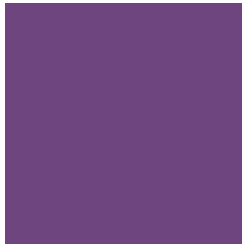


000000



# Previews

## White Background



This preview shows how the Hex color 6F457F 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

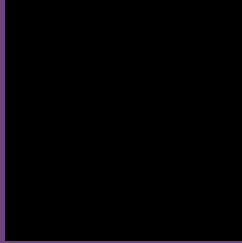
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F457F Background



This preview shows how black text looks on a background with the Hex color 6F457F.



This preview shows how white text looks on a background with the Hex color 6F457F.

# 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**  
6F457F

**Protanopia**  
40548C

**Deuteranopia**  
47557C



**Tritanopia**  
694F55

# Trichromacy



**Original Color**  
6F457F

**Protanomaly**  
514F87

**Deuteranomaly**  
564F7D

**Tritanomaly**  
6B4B64

# Monochromacy



**Original Color**  
6F457F

**Achromatopsia**  
585858

**Achromatomaly**  
605166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F457F 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 #6F457F looks like.

```
.text, #text, p{  
    color:#6F457F  
}
```

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 #6F457F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F457F
}
```

## Border

The CSS property to change the border of an element to Hex 6F457F is called "border". The border property can be set on classes, ids or directly on the HTML element.

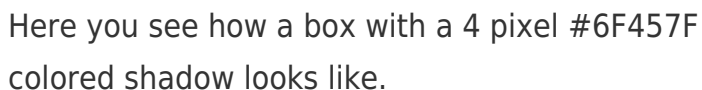
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F457F }
```

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

```
.border{ border-color:#6F457F }
```

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



Here you see how a box with a 4 pixel #6F457F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F457F; -webkit-box-shadow:4px 4px  
4px 4px #6F457F; box-shadow:4px 4px 4px  
4px #6F457F }
```

# Background

The CSS property to change the background color of an element to Hex 6F457F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F457F }
```

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

```
.background{ background-color:#6F457F }
```

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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