

# Converting Colors

Hex(6F1E7C)

Have a look what the booklet for  
Hex(6F1E7C) contains.

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# Color

**Hex(6F1E7C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F1E7C
RGB	111, 30, 124
RGB Percent	44%, 12%, 49%
CMY	0.5647, 0.8824, 0.5137
CMYK	0.10, 0.76, 0.00, 0.51
HSL	292°, 61%, 30%
HSV	292°, 76%, 49%
XYZ	10.6579, 5.7633, 19.6195
YIQ	64.9350, 18.1020, 46.4060

# Conversions

## Conversions Part 2

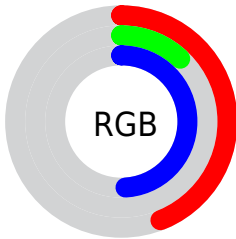
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 30, 124
Decimal	7282300
CIE <sub>Lab</sub>	28.81, 47.97, -35.71
CIE <sub>LCh</sub>	29, 59.806, 323.338
Yxy	5.7633, 0.2957, 0.1599
Android (android.graphics.Color)	4285472380 (0xFF6F1E7C)
YUV	64.9350, 29.1190, 40.3990
Hunter-Lab	24.0069, 37.2336, -31.6496

# Details

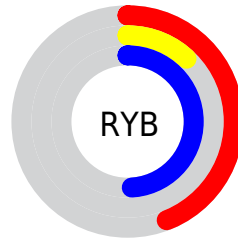
The Hex color **6F1E7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B7C1E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A553B1**, and **3B004A** is the 20% darker color. If you saturate the color by 10%, you get **6D127C**, and if you desaturate by 10%, it is **712A7C**.

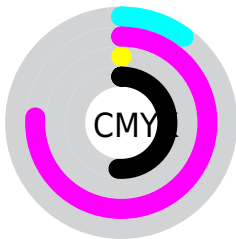
# Distribution



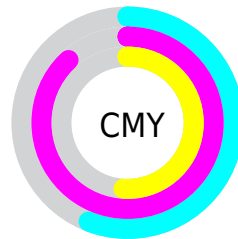
- Red (44%)
- Green (12%)
- Blue (49%)



- Red (44%)
- Yellow (12%)
- Blue (49%)



- Cyan (10%)
- Magenta (76%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (88%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F1E7C 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 6F1E7C by changing the saturation by 10% instead.





6F1E7C



6F1E7C

FFFFFF



550063



A553B1



3B004A



C26DCD



250033



DE88E9



00021D



FCA3FF



000000



FFBFFF



FFDCFF



FFF9FF



6F1E7C



6F1E7C

■ 6D127C

■ 712A7C

■ 6C057C

■ 72377C

■ 6B007C

■ 74437C

■ 76507C

■ 785C7C

■ 79687C

■ 7B757C

■ 7D817C

■ 7E8E7C

# Harmonies

## Analogous

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



123D9A



6F1E7C



8D0050

# Triad

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



6F1E7C



5D3F00



005768

# Complementary

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



6F1E7C



2B7C1E

# 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.



005638



6F1E7C



314C00

# Square

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



6F1E7C



7D2700



005300



00558E

# Rectangle

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



6F1E7C



910032



005300



005758



# Sweetspot

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



6F1E7C



9C7CA1



1E2C7C



4E3B52



D1D1D1



525252



# Same Dimension

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



6F1E7C



8C0EA1



7C1E5B



3C373D



6C007D



DA00FC



# Inverse Universe

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



7C1E2B



A10E23



1E7C3F



3D3738



7D0011

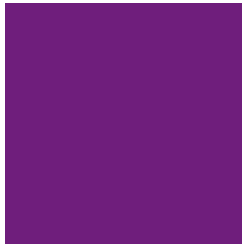


FC0023



# Previews

## White Background



This preview shows how the Hex color 6F1E7C looks on a white background.

## Color Contrast Check

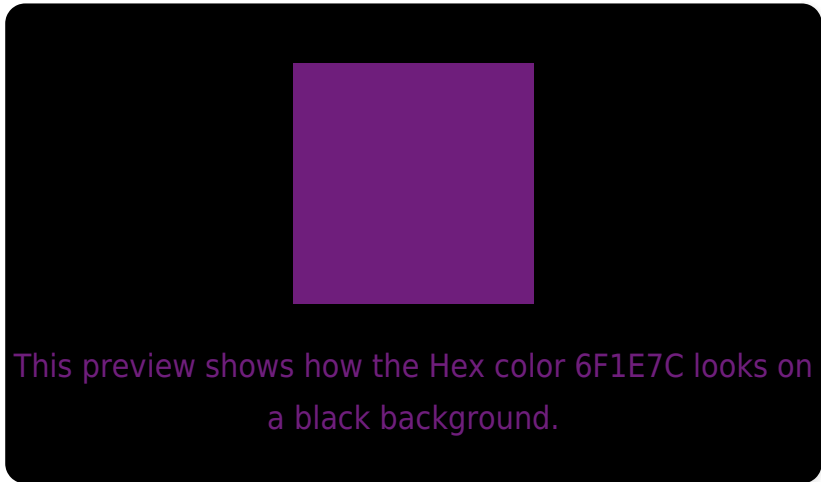
Large Text (above 18pt) WCAG AA ✓ Pass

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

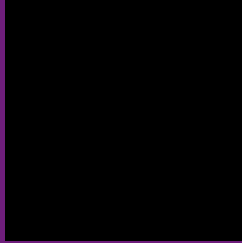
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F1E7C Background



This preview shows how black text looks on a background with the Hex color 6F1E7C.



This preview shows how white text looks on a background with the Hex color 6F1E7C.

# 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](#).

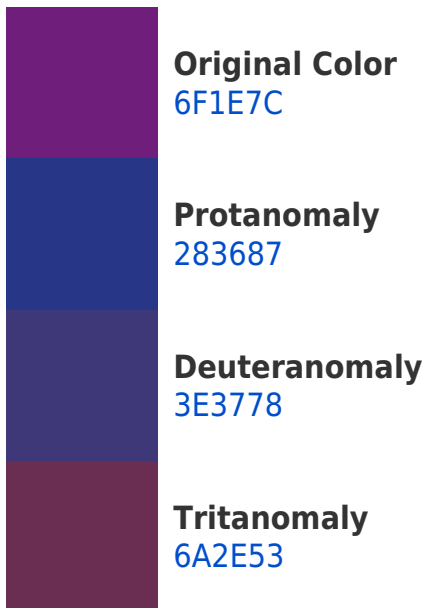
## Dichromacy



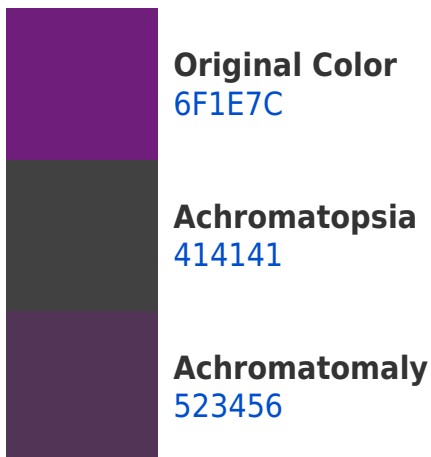


**Tritanopia**  
67373B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F1E7C 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 #6F1E7C looks like.

```
.text, #text, p{  
    color:#6F1E7C  
}
```

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 #6F1E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F1E7C  
}
```

## Border

The CSS property to change the border of an element to Hex 6F1E7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

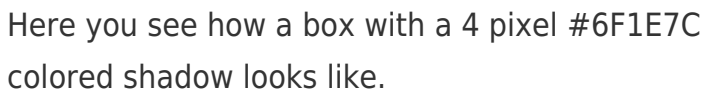
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F1E7C }
```

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

```
.border{ border-color:#6F1E7C }
```

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



Here you see how a box with a 4 pixel #6F1E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F1E7C; -webkit-box-shadow:4px 4px  
4px 4px #6F1E7C; box-shadow:4px 4px 4px  
4px #6F1E7C }
```

# Background

The CSS property to change the background color of an element to Hex 6F1E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F1E7C }
```

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

```
.background{ background-color:#6F1E7C }
```

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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