

# Converting Colors

Hex(6D2D7F)

Have a look what the booklet for  
Hex(6D2D7F) contains.

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# Color

**Hex(6D2D7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2D7F
RGB	109, 45, 127
RGB Percent	43%, 18%, 50%
CMY	0.5725, 0.8235, 0.5020
CMYK	0.14, 0.65, 0.00, 0.50
HSL	287°, 48%, 34%
HSV	287°, 65%, 50%
XYZ	11.0758, 6.6603, 20.7805
YIQ	73.4840, 11.8220, 39.0700

# Conversions

## Conversions Part 2

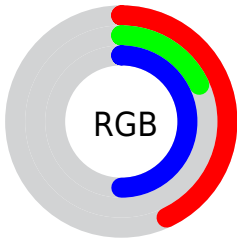
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	109, 45, 127
Decimal	7155071
CIE <sub>Lab</sub>	31.02, 41.55, -34.08
CIE <sub>LCh</sub>	31, 53.735, 320.638
Yxy	6.6603, 0.2876, 0.1729
Android (android.graphics.Color)	4285345151 (0xFF6D2D7F)
YUV	73.4840, 26.3834, 31.1475
Hunter-Lab	25.8075, 31.4437, -29.6756

# Details

The Hex color **6D2D7F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3F7F2D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A35FB4**, and **3A004D** is the 20% darker color. If you saturate the color by 10%, you get **6A207F**, and if you desaturate by 10%, it is **703A7F**.

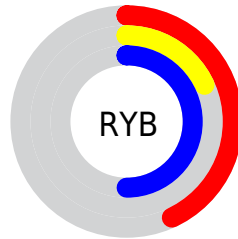
# Distribution



Red (43%)

Green (18%)

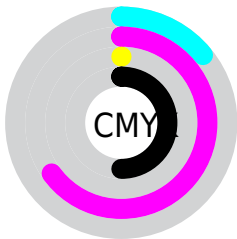
Blue (50%)



Red (43%)

Yellow (18%)

Blue (50%)

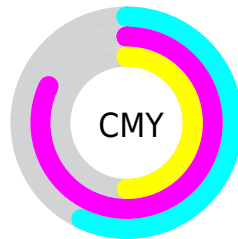


Cyan (14%)

Magenta (65%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (82%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2D7F 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 6D2D7F by changing the saturation by 10% instead.



 6D2D7F

 6D2D7F

FFFFFF

 531366

 A35FB4

 3A004D

 BF79D0

 250036

 DB94EC

 000020

 F8AFFF

 000003

 FFCBFF

 000000

 FFE7FF

 6D2D7F

 6D2D7F

 6A207F

 703A7F

67147F

73467F

65077F

75537F

63007F

78607F

7B6D7F

7E797F

81867F

83937F

869F7F

# Harmonies

## Analogous

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



1D4499



6D2D7F



8C1258

# Triad

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



6D2D7F



654300



005B66

# Complementary

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



6D2D7F



3F7F2D

# 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.



005A3A



6D2D7F



3F5000

# Square

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



6D2D7F



812E03



00570A



00598A

# Rectangle

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



6D2D7F



910D3C



00570A



005B57



# Sweetspot

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



6D2D7F



9F86A6



2D407F



504154



D4D4D4



545454



# Same Dimension

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



6D2D7F



8A26A6



7F2D69



3E3940



640080



000000



# Inverse Universe

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



7F2D3F



A62642



2D7F43



40393B



80001C



000000



# Previews

## White Background



This preview shows how the Hex color 6D2D7F looks on a white background.

## Color Contrast Check

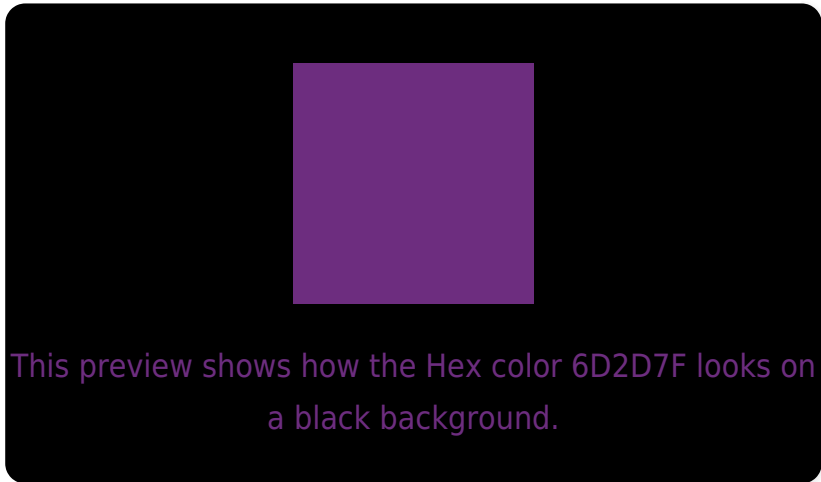
Large Text (above 18pt) WCAG AA ✓ Pass

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

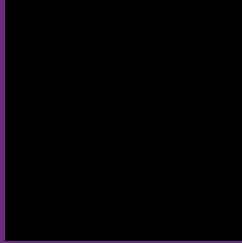
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2D7F Background



This preview shows how black text looks on a background with the Hex color 6D2D7F.

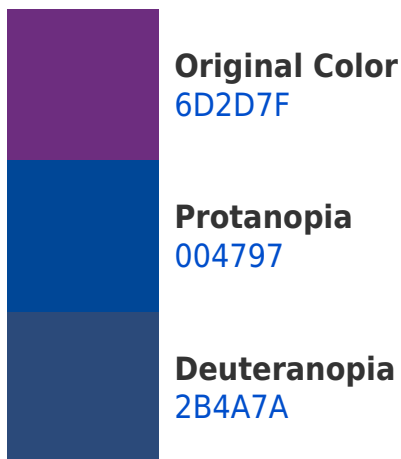



This preview shows how white text looks on a background with the Hex color 6D2D7F.

# 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**  
653F44

# Trichromacy



**Original Color**  
6D2D7F



**Protanomaly**  
283E8E



**Deuteranomaly**  
433F7C



**Tritanomaly**  
683859

# Monochromacy



**Original Color**  
6D2D7F



**Achromatopsia**  
494949



**Achromatomaly**  
563F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2D7F 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 #6D2D7F looks like.

```
.text, #text, p{  
    color:#6D2D7F  
}
```

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 #6D2D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2D7F
}
```

## Border

The CSS property to change the border of an element to Hex 6D2D7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

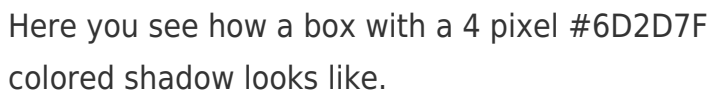
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2D7F }
```

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

```
.border{ border-color:#6D2D7F }
```

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



Here you see how a box with a 4 pixel #6D2D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2D7F; -webkit-box-shadow:4px 4px  
4px 4px #6D2D7F; box-shadow:4px 4px 4px  
4px #6D2D7F }
```

# Background

The CSS property to change the background color of an element to Hex 6D2D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2D7F }
```

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

```
.background{ background-color:#6D2D7F }
```

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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