

# Converting Colors

Hex(6F2387)

Have a look what the booklet for  
Hex(6F2387) contains.

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# Color

**Hex(6F2387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F2387
RGB	111, 35, 135
RGB Percent	44%, 14%, 53%
CMY	0.5647, 0.8627, 0.4706
CMYK	0.18, 0.74, 0.00, 0.47
HSL	286°, 59%, 33%
HSV	286°, 74%, 53%
XYZ	11.5298, 6.3308, 23.5360
YIQ	69.1240, 13.1960, 47.2120

# Conversions

## Conversions Part 2

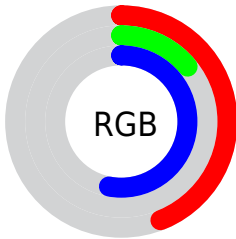
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 35, 135
Decimal	7283591
CIE <sub>Lab</sub>	30.23, 48.24, -40.32
CIE <sub>LCh</sub>	30, 62.867, 320.109
Yxy	6.3308, 0.2785, 0.1529
Android (android.graphics.Color)	4285473671 (0xFF6F2387)
YUV	69.1240, 32.4769, 36.7253
Hunter-Lab	25.1612, 37.7631, -37.8475

# Details

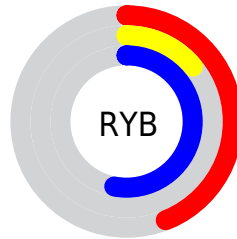
The Hex color **6F2387** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3B8723**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A657BD**, and **3B0054** is the 20% darker color. If you saturate the color by 10%, you get **6C1587**, and if you desaturate by 10%, it is **723187**.

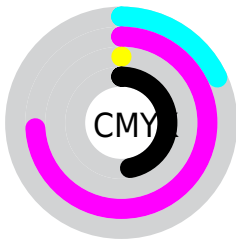
# Distribution



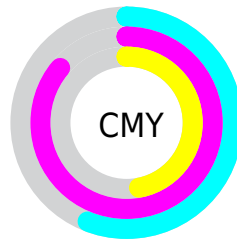
- Red (44%)
- Green (14%)
- Blue (53%)



- Red (44%)
- Yellow (14%)
- Blue (53%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (86%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F2387 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 6F2387 by changing the saturation by 10% instead.



6F2387

6F2387

FFFFFF

55016D

A657BD

3B0054

C272D9

25003D

DF8CF6

000026

FCA8FF

00010F

FFC3FF

000000

FFE0FF

FFFDFF

6F2387

6F2387

■ 6C1587

■ 723187

■ 690887

■ 753E87

■ 670087

■ 794C87

■ 7C5987

■ 7F6787

■ 827487

■ 868287

■ 898F87

■ 8C9C87

# Harmonies

## Analogous

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



0042A5



6F2387



93005A

# Triad

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



6F2387



653F00



005B68

# Complementary

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



6F2387



3B8723

# 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.



005A35



6F2387



394F00

# Square

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



6F2387



862400



005600



005993

# Rectangle

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



6F2387



990039



005600



005B57



# Sweetspot

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



6F2387



A789B0



233C87



544259



D9D9D9



595959



# Same Dimension

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



6F2387



8A13B0



87236E



413C42



630082



020003



# Inverse Universe

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



87233B



B01339



23873C



423C3D



82001F

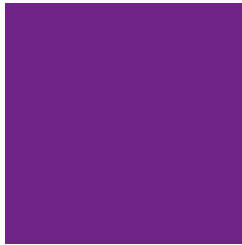


030001



# Previews

## White Background



This preview shows how the Hex color 6F2387 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

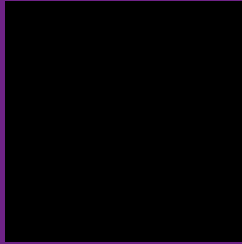
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F2387 Background



This preview shows how black text looks on a background with the Hex color 6F2387.



This preview shows how white text looks on a background with the Hex color 6F2387.

# 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**  
653C41

# Trichromacy



**Original Color**  
6F2387



**Protanomaly**  
28398F



**Deuteranomaly**  
353B83



**Tritanomaly**  
69335A

# Monochromacy



**Original Color**  
6F2387



**Achromatopsia**  
454545



**Achromatomaly**  
54395D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F2387 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 #6F2387 looks like.

```
.text, #text, p{  
    color:#6F2387  
}
```

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 #6F2387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2387
}
```

## Border

The CSS property to change the border of an element to Hex 6F2387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

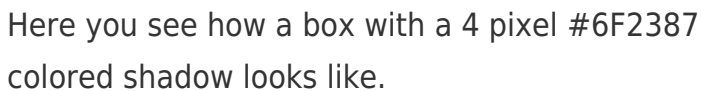
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F2387 }
```

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

```
.border{ border-color:#6F2387 }
```

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



Here you see how a box with a 4 pixel #6F2387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2387; -webkit-box-shadow:4px 4px  
4px 4px #6F2387; box-shadow:4px 4px 4px  
4px #6F2387 }
```

# Background

The CSS property to change the background color of an element to Hex 6F2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2387 }
```

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

```
.background{ background-color:#6F2387 }
```

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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