

# Converting Colors

Hex(6F25B1)

Have a look what the booklet for  
Hex(6F25B1) contains.

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# Color

**Hex(6F25B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F25B1
RGB	111, 37, 177
RGB Percent	44%, 15%, 69%
CMY	0.5647, 0.8549, 0.3059
CMYK	0.37, 0.79, 0.00, 0.31
HSL	272°, 65%, 42%
HSV	272°, 79%, 69%
XYZ	15.1529, 7.8770, 42.3167
YIQ	75.0860, -0.8360, 59.2280

# Conversions

## Conversions Part 2

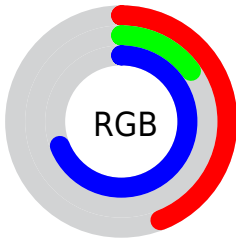
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 37, 177
Decimal	7284145
CIE <sub>Lab</sub>	33.73, 56.78, -60.22
CIE <sub>LCh</sub>	34, 82.769, 313.318
Yxy	7.8770, 0.2319, 0.1205
Android (android.graphics.Color)	4285474225 (0xFF6F25B1)
YUV	75.0860, 50.2436, 31.4966
Hunter-Lab	28.0659, 47.2576, -69.7490

# Details

The Hex color **6F25B1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **67B125**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A85BEA**, and **35007B** is the 20% darker color. If you saturate the color by 10%, you get **6713B1**, and if you desaturate by 10%, it is **7737B1**.

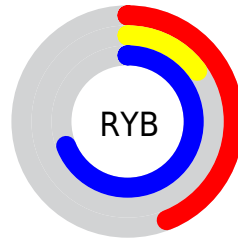
# Distribution



Red (44%)

Green (15%)

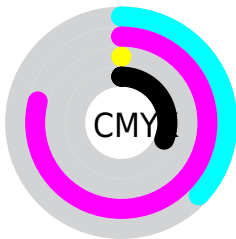
Blue (69%)



Red (44%)

Yellow (15%)

Blue (69%)

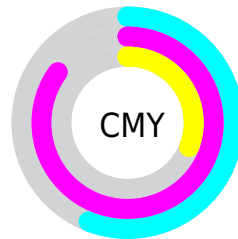


Cyan (37%)

Magenta (79%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (85%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F25B1 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 6F25B1 by changing the saturation by 10% instead.



 6F25B1

 6F25B1

FFFFFF

 530096

 A85BEA

 35007B

 C576FF

 140061

 E391FF

 000049

 FFACFF

 000431

 FFC8FF

 00011B

 FFE5FF

 000000

 6F25B1

 6F25B1

 6713B1

 7737B1

■ 5E02B1

■ 8048B1

■ 5E00B1

■ 885AB1

■ 906CB1

■ 997EB1

■ A18FB1

■ A9A1B1

■ B2B3B1

■ BAC4B1

# Harmonies

## Analogous

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



0050D3



6F25B1



AC0077

# Triad

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



6F25B1



7F3E00



00676C

# Complementary

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



6F25B1



67B125

# 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.



006526



6F25B1



475600

# Square

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



6F25B1



A70000



006100



0068AA

# Rectangle

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



6F25B1



BA004C



006100



006755



# Sweetspot

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



6F25B1



CCAEE6



2569B1



635173



F2F2F2



737373



# Same Dimension

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



6F25B1



7F0BE6



B125AF



555059



510099



0D001A



# Inverse Universe

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



B12567



E60B72



25B127



595055



990048

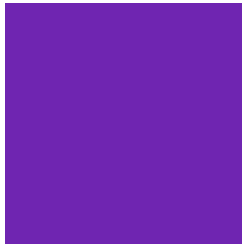


1A000C



# Previews

## White Background



This preview shows how the Hex color 6F25B1 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

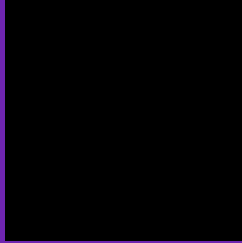
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F25B1 Background



This preview shows how black text looks on a background with the Hex color 6F25B1.

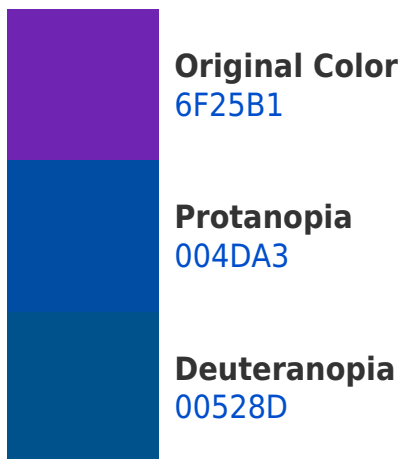


This preview shows how white text looks on a background with the Hex color 6F25B1.

# 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**  
5C4B51

# Trichromacy



**Original Color**  
6F25B1

**Protanomaly**  
283EA8

**Deuteranomaly**  
28429A

**Tritanomaly**  
633D74

# Monochromacy



**Original Color**  
6F25B1

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
583D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F25B1 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 #6F25B1 looks like.

```
.text, #text, p{  
    color:#6F25B1  
}
```

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 #6F25B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F25B1
}
```

## Border

The CSS property to change the border of an element to Hex 6F25B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

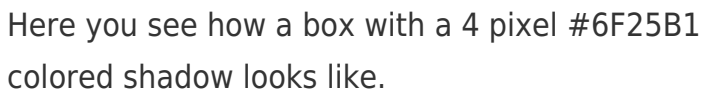
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F25B1 }
```

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

```
.border{ border-color:#6F25B1 }
```

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



Here you see how a box with a 4 pixel #6F25B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F25B1; -webkit-box-shadow:4px 4px  
4px 4px #6F25B1; box-shadow:4px 4px 4px  
4px #6F25B1 }
```

# Background

The CSS property to change the background color of an element to Hex 6F25B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F25B1 }
```

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

```
.background{ background-color:#6F25B1 }
```

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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