

# Converting Colors

Hex(6D2FD0)

Have a look what the booklet for  
Hex(6D2FD0) contains.

<b>Hex(6D2FD0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6D2FD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2FD0
RGB	109, 47, 208
RGB Percent	43%, 18%, 82%
CMY	0.5725, 0.8157, 0.1843
CMYK	0.48, 0.77, 0.00, 0.18
HSL	263°, 63%, 50%
HSV	263°, 77%, 82%
XYZ	18.7084, 9.8383, 60.5875
YIQ	83.8920, -14.7290, 63.2150

# Conversions

## Conversions Part 2

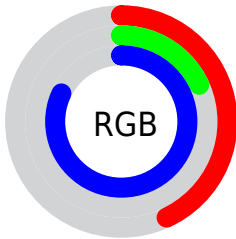
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 47, 208
Decimal	7155664
CIE Lab	37.55, 60.03, -72.17
CIE LCh	38, 93.874, 309.751
Yxy	9.8383, 0.2099, 0.1104
Android (android.graphics.Color)	4285345744 (0xFF6D2FD0)
YUV	83.8920, 61.1852, 22.0197
Hunter-Lab	31.3661, 51.5760, -92.5697

# Details

The Hex color **6D2FD0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **92D02F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A964FF**, and **2C0098** is the 20% darker color. If you saturate the color by 10%, you get **601AD0**, and if you desaturate by 10%, it is **7A44D0**.

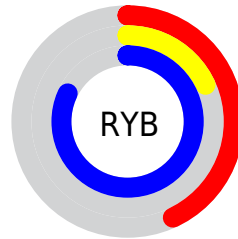
# Distribution



Red (43%)

Green (18%)

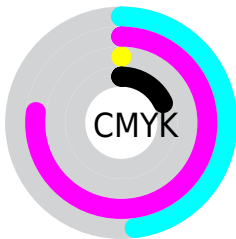
Blue (82%)



Red (43%)

Yellow (18%)

Blue (82%)

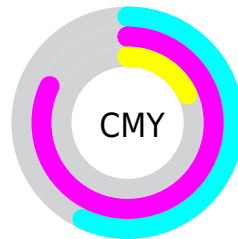


Cyan (48%)

Magenta (77%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (82%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2FD0 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 6D2FD0 by changing the saturation by 10% instead.



 6D2FD0

 6D2FD0

FFFFFF

 4E10B4

 A964FF

 2C0098

 C67FFF

 00007D

 E59AFF

 000064

 FFB6FF

 00044A

 FFD2FF

 000433

 FFEFFF

 00021D

 000000

 6D2FD0

 6D2FD0

■ 601AD0

■ 7A44D0

■ 5305D0

■ 8759D0

■ 5000D0

■ 936DD0

■ A082D0

■ AD97D0

■ BAACD0

■ C7C1D0

■ D3D5D0

■ E0EAD0

# Harmonies

## Analogous

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



005DF3



6D2FD0



BE008F

# Triad

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



6D2FD0



953F00



007370

# Complementary

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



6D2FD0



92D02F

# 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.



00711D



6D2FD0



565E00

# Square

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



6D2FD0



C10000



006B00



0074BA

# Rectangle

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



6D2FD0



D1005D



006B00



007356



# Sweetspot

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



6D2FD0



DBC4FF



2F92D0



6A5C80



000000



808080



# Same Dimension

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



6D2FD0



6D12FF



BD2FD0



625E69



4100A8



100029



# Inverse Universe

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



D02F92



FF12A4



42D02F



695E65



A80067

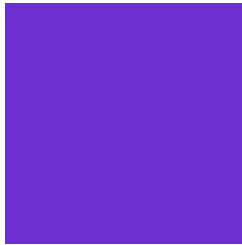


290019



# Previews

## White Background



This preview shows how the Hex color 6D2FD0 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

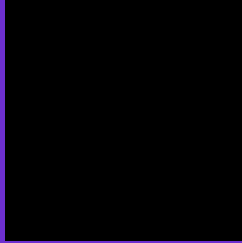
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2FD0 Background



This preview shows how black text looks on a background with the Hex color 6D2FD0.

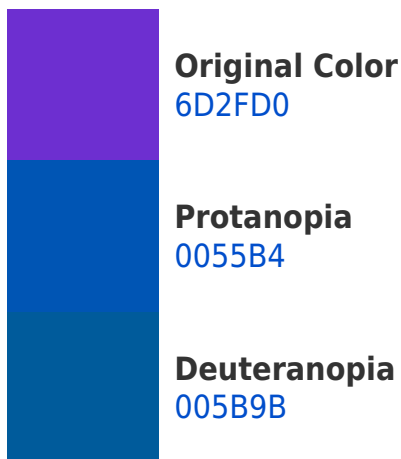



This preview shows how white text looks on a background with the Hex color 6D2FD0.

# 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](#).

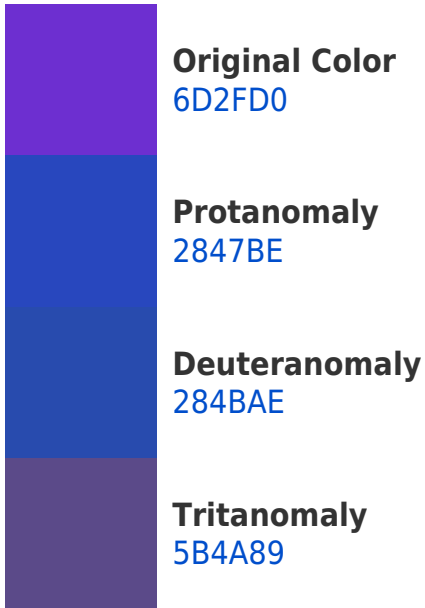
## Dichromacy





**Tritanopia**  
505A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2FD0 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 #6D2FD0 looks like.

```
.text, #text, p{  
    color:#6D2FD0  
}
```

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 #6D2FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2FD0
}
```

## Border

The CSS property to change the border of an element to Hex 6D2FD0 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
#6D2FD0 }
```

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

```
.border{ border-color:#6D2FD0 }
```

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

Here you see how a box with a 4 pixel #6D2FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2FD0; -webkit-box-shadow:4px 4px  
4px 4px #6D2FD0; box-shadow:4px 4px 4px  
4px #6D2FD0 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2FD0 }
```

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

```
.background{ background-color:#6D2FD0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor