

# Converting Colors

Hex(6F33C0)

Have a look what the booklet for  
Hex(6F33C0) contains.

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# Color

Hex(6F33C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F33C0
RGB	111, 51, 192
RGB Percent	44%, 20%, 75%
CMY	0.5647, 0.8000, 0.2471
CMYK	0.42, 0.73, 0.00, 0.25
HSL	266°, 58%, 48%
HSV	266°, 73%, 75%
XYZ	17.2538, 9.5529, 50.8037
YIQ	85.0140, -9.5010, 56.5710

# Conversions

## Conversions Part 2

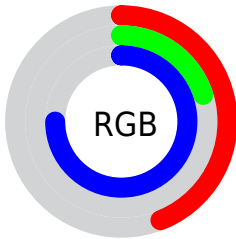
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 51, 192
Decimal	7287744
CIE <sub>Lab</sub>	37.03, 54.54, -63.70
CIE <sub>LCh</sub>	37, 83.855, 310.572
Yxy	9.5529, 0.2223, 0.1231
Android (android.graphics.Color)	4285477824 (0xFF6F33C0)
YUV	85.0140, 52.7441, 22.7897
Hunter-Lab	30.9078, 45.5561, -75.8205

# Details

The Hex color **6F33C0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **84C033**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A967F9**, and **330089** is the 20% darker color. If you saturate the color by 10%, you get **6420C0**, and if you desaturate by 10%, it is **7A46C0**.

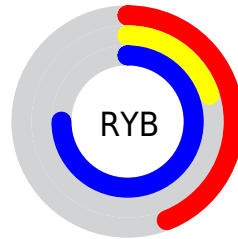
# Distribution



Red (44%)

Green (20%)

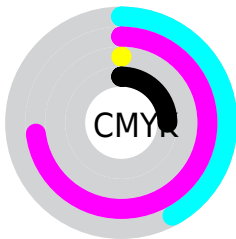
Blue (75%)



Red (44%)

Yellow (20%)

Blue (75%)

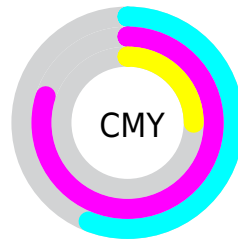


Cyan (42%)

Magenta (73%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (80%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F33C0 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 6F33C0 by changing the saturation by 10% instead.



6F33C0

6F33C0

FFFFFF

5217A4

A967F9

330089

C681FF

09006F

E49CFF

000056

FFB8FF

00063D

FFD4FF

000327

FFF1FF

000110

000000

6F33C0

6F33C0

6420C0

7A46C0

590DC0

8559C0

5200C0

906DC0

9B80C0

A693C0

B1A6C0

BCB9C0

C7CDC0

D2E0C0

# Harmonies

## Analogous

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



005AE0



6F33C0



B40086

# Triad

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



6F33C0



8E4200



00706E

# Complementary

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



6F33C0



84C033

# 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.



006E25



6F33C0



555C00

# Square

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



6F33C0



B60000



006900



0071AF

# Rectangle

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



6F33C0



C40059



006900



007057



# Sweetspot

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



6F33C0



DAC3FA



3385C0



6A5C7D



FCFCFC



7D7D7D



# Same Dimension

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



6F33C0



7C1EFA



B433C0



5B5761



4400A1



0E0021



# Inverse Universe

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



C03384



FA1E9C



3FC033



61575D



A1005C

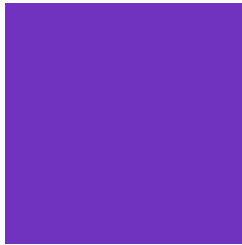


210013



# Previews

## White Background



This preview shows how the Hex color 6F33C0 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 6F33C0 Background



This preview shows how black text looks on a background with the Hex color 6F33C0.

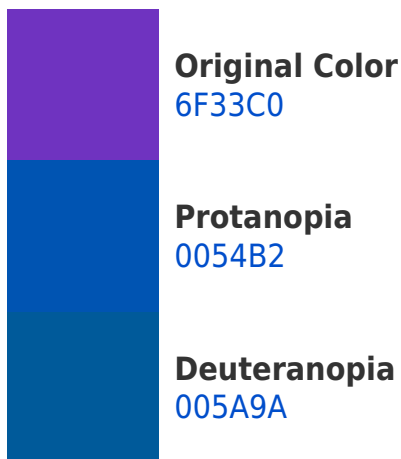



This preview shows how white text looks on a background with the Hex color 6F33C0.

# 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](#).

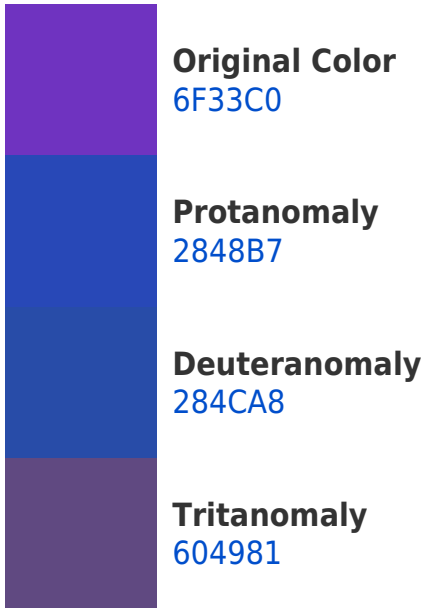
## Dichromacy





**Tritanopia**  
58565D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F33C0 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 #6F33C0 looks like.

```
.text, #text, p{  
    color:#6F33C0  
}
```

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 #6F33C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F33C0
}
```

## Border

The CSS property to change the border of an element to Hex 6F33C0 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
#6F33C0 }
```

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

```
.border{ border-color:#6F33C0 }
```

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

Here you see how a box with a 4 pixel #6F33C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F33C0; -webkit-box-shadow:4px 4px  
4px 4px #6F33C0; box-shadow:4px 4px 4px  
4px #6F33C0 }
```

# Background

The CSS property to change the background color of an element to Hex 6F33C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F33C0 }
```

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

```
.background{ background-color:#6F33C0 }
```

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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