

Converting Colors

Hex(6F40C2)

Have a look what the booklet for
Hex(6F40C2) contains.

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Color

Hex(6F40C2)

Conversions

Conversions Part 1

Format	Color
Hex	6F40C2
RGB	111, 64, 194
RGB Percent	44%, 25%, 76%
CMY	0.5647, 0.7490, 0.2392
CMYK	0.43, 0.67, 0.00, 0.24
HSL	262°, 52%, 51%
HSV	262°, 67%, 76%
XYZ	18.1265, 10.9413, 52.1955
YIQ	92.8730, -13.7180, 50.3940

Conversions

Conversions Part 2

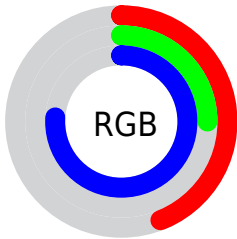
Format	Color
R_{YB}	111, 64, 194
Decimal	7291074
CIE _{Lab}	39.48, 48.66, -60.87
CIE _{LCh}	39, 77.927, 308.639
Yxy	10.9413, 0.2231, 0.1346
Android (android.graphics.Color)	4285481154 (0xFF6F40C2)
YUV	92.8730, 49.8556, 15.8974
Hunter-Lab	33.0777, 39.9319, -70.4032

Details

The Hex color **6F40C2** 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 **93C240**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A873FB**, and **340C8B** is the 20% darker color. If you saturate the color by 10%, you get **632DC2**, and if you desaturate by 10%, it is **7B53C2**.

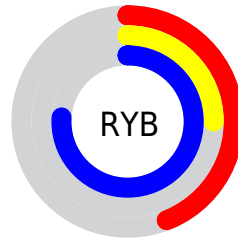
Distribution



Red (44%)

Green (25%)

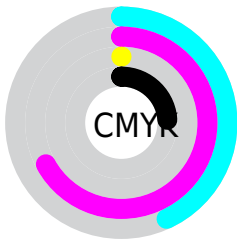
Blue (76%)



Red (44%)

Yellow (25%)

Blue (76%)

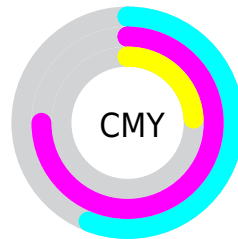


Cyan (43%)

Magenta (67%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (75%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F40C2 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 6F40C2 by changing the saturation by 10% instead.

6F40C2

6F40C2

FFFFFF

5227A6

A873FB

340C8B

C58DFF

0C0071

E3A8FF

000058

FFC4FF

00043F

FFE0FF

000328

FFFDFF

000112

000000

6F40C2

6F40C2

■ 632DC2

■ 7B53C2

■ 5619C2

■ 8867C2

■ 4A06C2

■ 947AC2

■ 4600C2

■ A18EC2

■ ADA1C2

■ B9B4C2

■ C6C8C2

■ D2DBC2

■ DEEFC2

Harmonies

Analogous

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



0060DD



6F40C2



B3008D

Triad

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



6F40C2



964800



00766F

Complementary

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



6F40C2



93C240

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.



00732A



6F40C2



626100

Square

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



6F40C2



BA140D



006E00



0076AC

Rectangle

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



6F40C2



C40063



006E00



007558

Sweetspot

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



6F40C2



DCCAFC



4094C2



6C6180



000000



808080

Same Dimension

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



6F40C2



7C32FC



AE40C2



5B5761



3A00A1



0C0021

Inverse Universe

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



C24093



FC32B3



54C240



61575D



A10067



210015

Previews

White Background



This preview shows how the Hex color 6F40C2 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 6F40C2 Background



This preview shows how black text looks on a background with the Hex color 6F40C2.

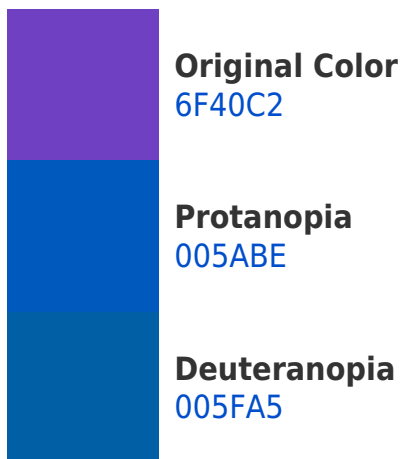



This preview shows how white text looks on a background with the Hex color 6F40C2.

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](#).

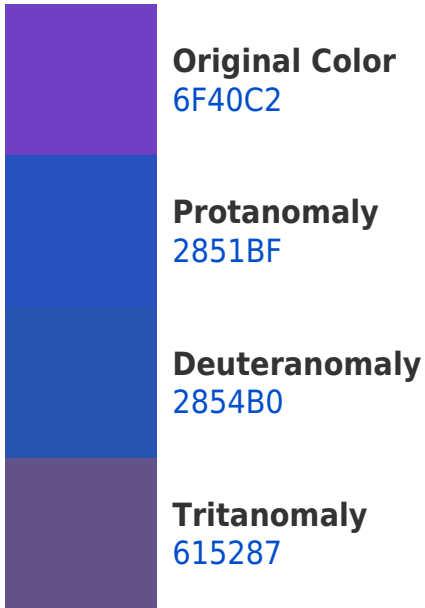
Dichromacy



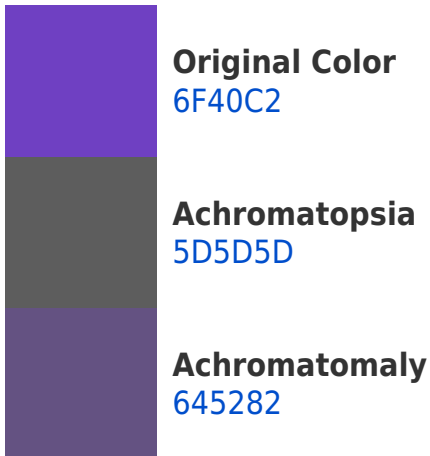


Tritanopia
595D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F40C2 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 #6F40C2 looks like.

```
.text, #text, p{  
    color:#6F40C2  
}
```

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 #6F40C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F40C2
}
```

Border

The CSS property to change the border of an element to Hex 6F40C2 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
#6F40C2 }
```

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

```
.border{ border-color:#6F40C2 }
```

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

Here you see how a box with a 4 pixel #6F40C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F40C2; -webkit-box-shadow:4px 4px  
4px 4px #6F40C2; box-shadow:4px 4px 4px  
4px #6F40C2 }
```

Background

The CSS property to change the background color of an element to Hex 6F40C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F40C2 }
```

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

```
.background{ background-color:#6F40C2 }
```

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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