

Converting Colors

Hex(6F51C8)

Have a look what the booklet for
Hex(6F51C8) contains.

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Color

Hex(6F51C8)

Conversions

Conversions Part 1

Format	Color
Hex	6F51C8
RGB	111, 81, 200
RGB Percent	44%, 32%, 78%
CMY	0.5647, 0.6824, 0.2157
CMYK	0.45, 0.59, 0.00, 0.22
HSL	255°, 52%, 55%
HSV	255°, 60%, 78%
XYZ	19.9233, 13.4345, 56.1866
YIQ	103.5360, -20.3190, 43.3690

Conversions

Conversions Part 2

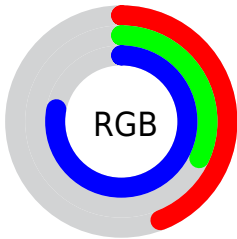
Format	Color
R_{YB}	111, 81, 200
Decimal	7295432
CIE Lab	43.41, 40.93, -57.99
CIE LCh	43, 70.978, 305.219
Yxy	13.4345, 0.2225, 0.1500
Android (android.graphics.Color)	4285485512 (0xFF6F51C8)
YUV	103.5360, 47.5568, 6.5459
Hunter-Lab	36.6531, 32.8832, -65.2302

Details

The Hex color **6F51C8** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **AAC851**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A884FF**, and **352291** is the 20% darker color. If you saturate the color by 10%, you get **603DC8**, and if you desaturate by 10%, it is **7E65C8**.

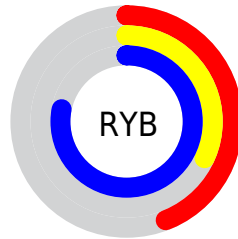
Distribution



Red (44%)

Green (32%)

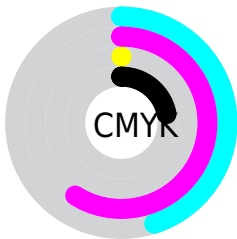
Blue (78%)



Red (44%)

Yellow (32%)

Blue (78%)

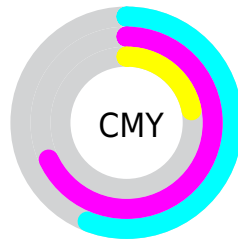


Cyan (45%)

Magenta (59%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (68%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F51C8 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 6F51C8 by changing the saturation by 10% instead.

6F51C8

6F51C8

FFFFFF

5239AC

A884FF

352291

C59EFF

0D0A77

E2B9FF

00005D

FFD5FF

000045

FFF2FF

00032D

000118

000000

6F51C8

6F51C8

603DC8

7E65C8

5129C8

8D79C8

4215C8

9C8DC8

3301C8

ABA1C8

3200C8

BAB5C8

C9C9C8

D8DDC8

E7F1C8

F6FFC8

Harmonies

Analogous

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



006BDD



6F51C8



B32999

Triad

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



6F51C8



A35000



007F70

Complementary

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



6F51C8



AAC851

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.



007C31



6F51C8



746800

Square

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



6F51C8



C22C26



337500



007FAA

Rectangle

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



6F51C8



C60773



337500



007E5B

Sweetspot

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



6F51C8



DDD1FF



51AAC8



6B6380



000000



808080

Same Dimension

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



6F51C8



784AFF



AA51C8



5C5A63



2900A3



090024

Inverse Universe

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



C851AA



FF4AD1



6FC851



635A61



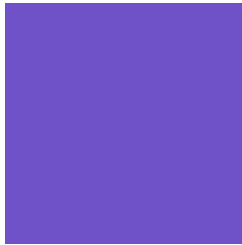
A3007A



24001B

Previews

White Background



This preview shows how the Hex color 6F51C8 looks on a white background.

Color Contrast Check

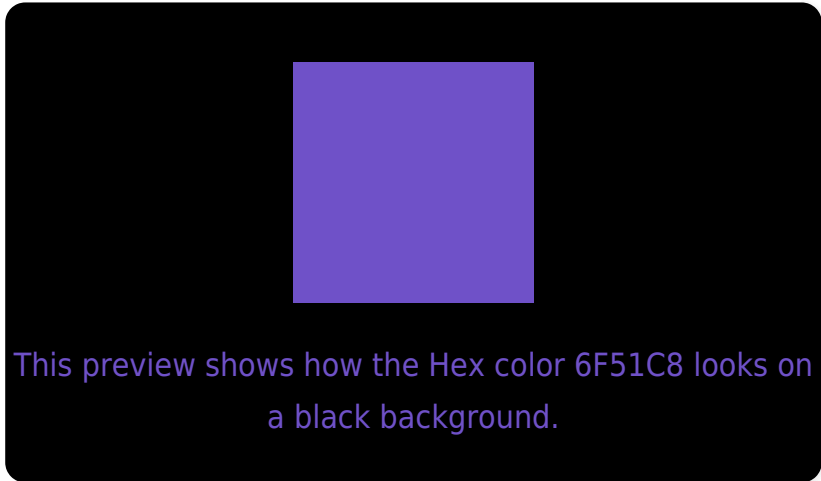
Large Text (above 18pt) WCAG AA ✓ Pass

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

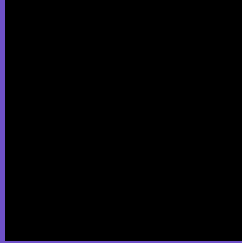
Any Text WCAG AA × Fail

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 6F51C8 Background



This preview shows how black text looks on a background with the Hex color 6F51C8.



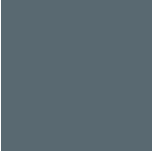
This preview shows how white text looks on a background with the Hex color 6F51C8.

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
596971

Trichromacy



Original Color
6F51C8



Protanomaly
285CCE



Deuteranomaly
2860BD



Tritanomaly
616091

Monochromacy



Original Color
6F51C8



Achromatopsia
686868



Achromatomaly
6B608B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F51C8 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 #6F51C8 looks like.

```
.text, #text, p{  
    color:#6F51C8  
}
```

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 #6F51C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F51C8
}
```

Border

The CSS property to change the border of an element to Hex 6F51C8 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
#6F51C8 }
```

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

```
.border{ border-color:#6F51C8 }
```

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

Here you see how a box with a 4 pixel #6F51C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F51C8; -webkit-box-shadow:4px 4px  
4px 4px #6F51C8; box-shadow:4px 4px 4px  
4px #6F51C8 }
```

Background

The CSS property to change the background color of an element to Hex 6F51C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F51C8 }
```

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

```
.background{ background-color:#6F51C8 }
```

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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