

# Converting Colors

Hex(6F52A5)

Have a look what the booklet for  
Hex(6F52A5) contains.

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# Color

Hex(6F52A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F52A5
RGB	111, 82, 165
RGB Percent	44%, 32%, 65%
CMY	0.5647, 0.6784, 0.3529
CMYK	0.33, 0.50, 0.00, 0.35
HSL	261°, 34%, 48%
HSV	261°, 50%, 65%
XYZ	16.3644, 12.1307, 37.0763
YIQ	100.1330, -9.3590, 31.9610

# Conversions

## Conversions Part 2

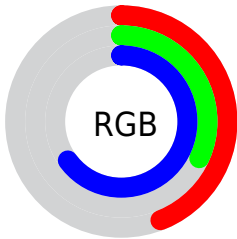
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 82, 165
Decimal	7295653
CIE <sub>Lab</sub>	41.42, 30.64, -40.66
CIE <sub>LCh</sub>	41, 50.911, 307.007
Yxy	12.1307, 0.2496, 0.1850
Android (android.graphics.Color)	4285485733 (0xFF6F52A5)
YUV	100.1330, 31.9794, 9.5304
Hunter-Lab	34.8292, 22.9166, -38.7349

# Details

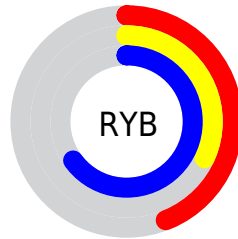
The Hex color **6F52A5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **88A552**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A584DD**, and **3B2470** is the 20% darker color. If you saturate the color by 10%, you get **6442A5**, and if you desaturate by 10%, it is **7A62A5**.

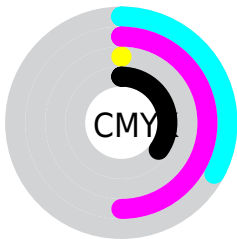
# Distribution



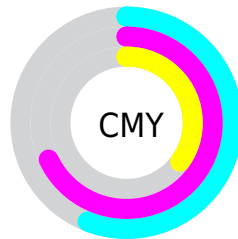
- Red (44%)
- Green (32%)
- Blue (65%)



- Red (44%)
- Yellow (32%)
- Blue (65%)



- Cyan (33%)
- Magenta (50%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (68%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F52A5 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 6F52A5 by changing the saturation by 10% instead.



 6F52A5

 6F52A5

FFFFFF

 553A8A

 A584DD

 3B2470

 C19EF9

 200E58

 DEBAFF

 090040

 FBD5FF

 000329

 FFF2FF

 000113

 000000

 6F52A5

 6F52A5

 6442A5

 7A62A5

■ 5A31A5

■ 8473A5

■ 4F20A5

■ 8F84A5

■ 4410A5

■ 9A94A5

■ 3A00A5

■ A5A4A5

■ AFB5A5

■ BAC5A5

■ C5D6A5

■ D0E6A5

# Harmonies

## Analogous

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



0063B5



6F52A5



9B3F83

# Triad

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



6F52A5



8F530C



00756B

# Complementary

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



6F52A5



88A552

# 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.



00733F



6F52A5



6D6300

# Square

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



6F52A5



A64132



406D16



007493

# Rectangle

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



6F52A5



A93768



406D16



00755C



# Sweetspot

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



6F52A5



C1B6D6



5289A5



5F586B



EBEBEB



6B6B6B



# Same Dimension

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



6F52A5



8356D6



9752A5



4C4952



330091



060012



# Inverse Universe

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



A55288



D656A9



60A552



52494F



91005F

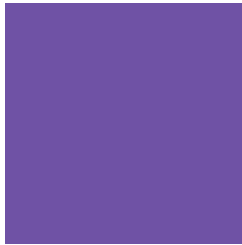


12000C



# Previews

## White Background



This preview shows how the Hex color 6F52A5 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

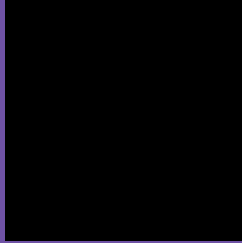
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F52A5 Background



This preview shows how black text looks on a background with the Hex color 6F52A5.



This preview shows how white text looks on a background with the Hex color 6F52A5.

# 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



**Original Color**  
6F52A5

**Protanopia**  
395FB2

**Deuteranopia**  
3962A2



**Tritanopia**  
636168

# Trichromacy



**Original Color**  
6F52A5

**Protanomaly**  
4D5AAD

**Deuteranomaly**  
4D5CA3

**Tritanomaly**  
675C7E

# Monochromacy



**Original Color**  
6F52A5

**Achromatopsia**  
646464

**Achromatomaly**  
685D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F52A5 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 #6F52A5 looks like.

```
.text, #text, p{  
    color:#6F52A5  
}
```

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 #6F52A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F52A5
}
```

## Border

The CSS property to change the border of an element to Hex 6F52A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

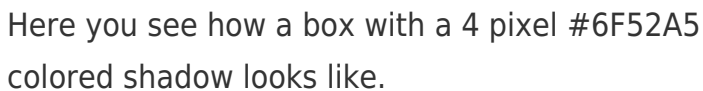
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F52A5 }
```

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

```
.border{ border-color:#6F52A5 }
```

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



Here you see how a box with a 4 pixel #6F52A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F52A5; -webkit-box-shadow:4px 4px  
4px 4px #6F52A5; box-shadow:4px 4px 4px  
4px #6F52A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6F52A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F52A5 }
```

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

```
.background{ background-color:#6F52A5 }
```

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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