

# Converting Colors

Hex(6B3FAF)

Have a look what the booklet for  
Hex(6B3FAF) contains.

<b>Hex(6B3FAF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6B3FAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3FAF
RGB	107, 63, 175
RGB Percent	42%, 25%, 69%
CMY	0.5804, 0.7529, 0.3137
CMYK	0.39, 0.64, 0.00, 0.31
HSL	264°, 47%, 47%
HSV	264°, 64%, 69%
XYZ	15.5788, 9.7760, 41.6233
YIQ	88.9240, -9.7280, 44.1600

# Conversions

## Conversions Part 2

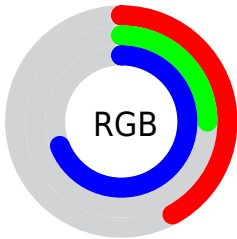
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 63, 175
Decimal	7028655
CIE <sub>Lab</sub>	37.44, 43.30, -53.02
CIE <sub>LCh</sub>	37, 68.453, 309.238
Yxy	9.7760, 0.2326, 0.1460
Android (android.graphics.Color)	4285218735 (0xFF6B3FAF)
YUV	88.9240, 42.4355, 15.8527
Hunter-Lab	31.2665, 34.2225, -57.0427

# Details

The Hex color **6B3FAF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **83AF3F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A371E7**, and **330D79** is the 20% darker color. If you saturate the color by 10%, you get **602EAF**, and if you desaturate by 10%, it is **7651AF**.

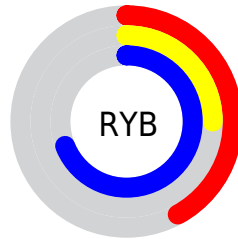
# Distribution



Red (42%)

Green (25%)

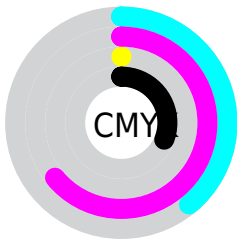
Blue (69%)



Red (42%)

Yellow (25%)

Blue (69%)

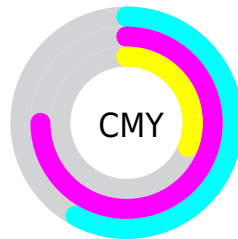


Cyan (39%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (75%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3FAF 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 6B3FAF by changing the saturation by 10% instead.



6B3FAF

6B3FAF

FFFFFF

4F2794

A371E7

330D79

BF8BFF

120060

DCA6FF

000048

FAC2FF

000430

FFDEFF

00011A

FFFBFF

000000

6B3FAF

6B3FAF

602EAF

7651AF

■ 561CAF

■ 8062AF

■ 4B0BAF

■ 8B73AF

■ 4500AF

■ 9685AF

■ A097AF

■ ABA8AF

■ B5BAAF

■ C0CBAF

■ CBDDAF

# Harmonies

## Analogous

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



005AC7



6B3FAF



A40E81

# Triad

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



6B3FAF



8B4600



006F68

# Complementary

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



6B3FAF



83AF3F

# 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.



006C2E



6B3FAF



5D5B00

# Square

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



6B3FAF



AA2313



146700



006E9E

# Rectangle

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



6B3FAF



B3005C



146700



006E55



# Sweetspot

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



6B3FAF



C9B8E3



3F84AF



635873



F2F2F2



737373



# Same Dimension

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



6B3FAF



7934E3



A23FAF



514E57



3B0096



090017



# Inverse Universe

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



AF3F83



E3349E



4CAF3F



574E53



96005B

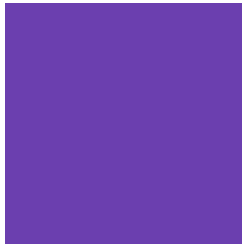


17000E



# Previews

## White Background



This preview shows how the Hex color 6B3F9F 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

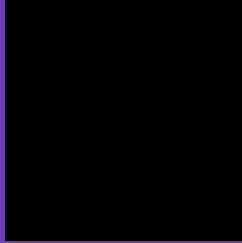
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3FAF Background



This preview shows how black text looks on a background with the Hex color 6B3FAF.

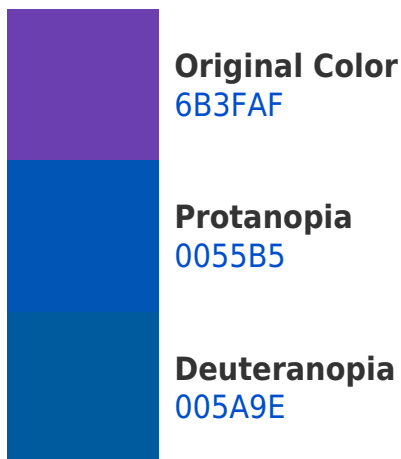


This preview shows how white text looks on a background with the Hex color 6B3FAF.

# 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](#).

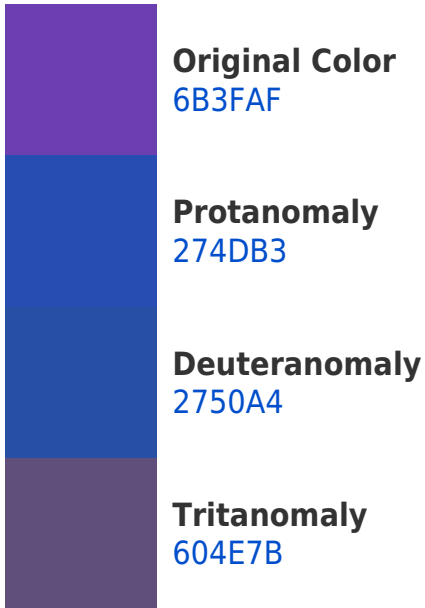
## Dichromacy



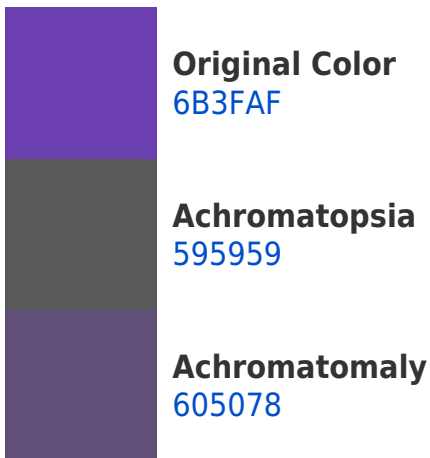


**Tritanopia**  
59575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3FAF 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 #6B3FAF looks like.

```
.text, #text, p{  
    color:#6B3FAF  
}
```

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 #6B3FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3FAF
}
```

## Border

The CSS property to change the border of an element to Hex 6B3FAF 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
#6B3FAF }
```

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

```
.border{ border-color:#6B3FAF }
```

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

Here you see how a box with a 4 pixel #6B3FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3FAF; -webkit-box-shadow:4px 4px  
4px 4px #6B3FAF; box-shadow:4px 4px 4px  
4px #6B3FAF }
```

# Background

The CSS property to change the background color of an element to Hex 6B3FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3FAF }
```

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

```
.background{ background-color:#6B3FAF }
```

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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