

# Converting Colors

Hex(6A3FC0)

Have a look what the booklet for  
Hex(6A3FC0) contains.

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# Color

Hex(6A3FC0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3FC0
RGB	106, 63, 192
RGB Percent	42%, 25%, 75%
CMY	0.5843, 0.7529, 0.2471
CMYK	0.45, 0.67, 0.00, 0.25
HSL	260°, 51%, 50%
HSV	260°, 67%, 75%
XYZ	17.2358, 10.4250, 50.9730
YIQ	90.5630, -15.7810, 49.2350

# Conversions

## Conversions Part 2

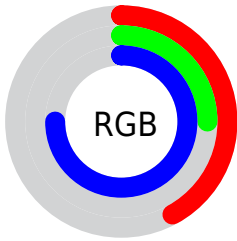
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 63, 192
Decimal	6963136
CIE <sub>Lab</sub>	38.59, 47.69, -61.17
CIE <sub>LCh</sub>	39, 77.559, 307.942
Yxy	10.4250, 0.2192, 0.1326
Android (android.graphics.Color)	4285153216 (0xFF6A3FC0)
YUV	90.5630, 50.0084, 13.5382
Hunter-Lab	32.2877, 38.7832, -71.0004

# Details

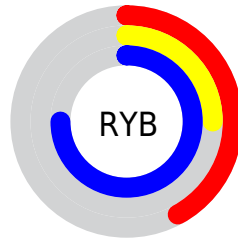
The Hex color **6A3FC0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **95C03F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A371F9**, and **2E0C89** is the 20% darker color. If you saturate the color by 10%, you get **5D2CC0**, and if you desaturate by 10%, it is **7752C0**.

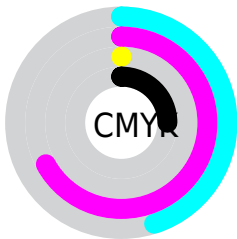
# Distribution



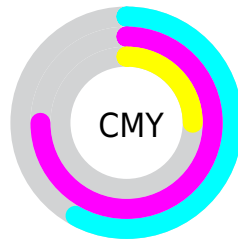
- Red (42%)
- Green (25%)
- Blue (75%)



- Red (42%)
- Yellow (25%)
- Blue (75%)



- Cyan (45%)
- Magenta (67%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (75%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3FC0 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 6A3FC0 by changing the saturation by 10% instead.



6A3FC0

6A3FC0

FFFFFF

4D26A4

A371F9

2E0C89

C08CFF

00006F

DEA7FF

000056

FCC2FF

00063E

FFDFFF

000327

FFFCFF

000110

000000

6A3FC0

6A3FC0

■ 5D2CC0

■ 7752C0

■ 5019C0

■ 8465C0

■ 4405C0

■ 9079C0

■ 4000C0

■ 9D8CC0

■ AA9FC0

■ B7B2C0

■ C4C5C0

■ D0D9C0

■ DDECC0

# Harmonies

## Analogous

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



005FDA



6A3FC0



AF008C

# Triad

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



6A3FC0



944500



00736B

# Complementary

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



6A3FC0



95C03F

# 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.



007127



6A3FC0



615E00

# Square

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



6A3FC0



B70D0D



026B00



0073A8

# Rectangle

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



6A3FC0



C10062



026B00



007355



# Sweetspot

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



6A3FC0



D9C8FA



3F95C0



695F7D



FCFCFC



7D7D7D



# Same Dimension

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



6A3FC0



732FFA



AB3FC0



5A5761



3600A1



0B0021



# Inverse Universe

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



C03F95



FA2FB6



54C03F



61575E



A1006B



210016



# Previews

## White Background



This preview shows how the Hex color 6A3FC0 looks on a white background.

## Color Contrast Check

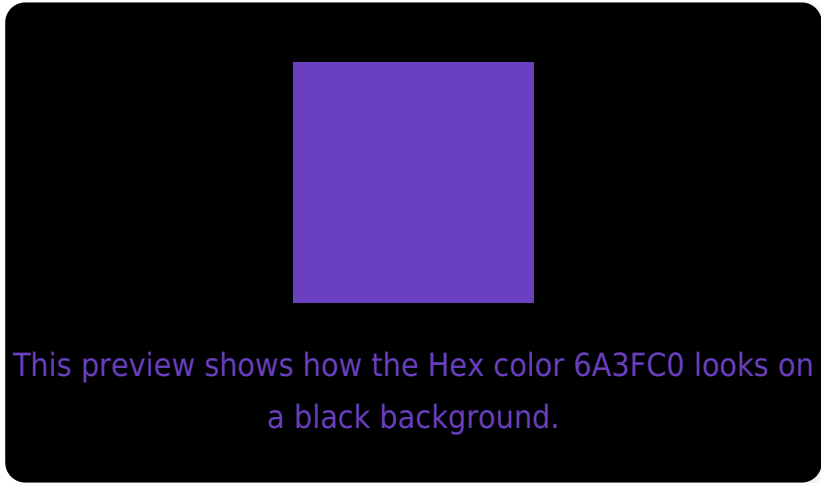
Large Text (above 18pt) WCAG AA ✓ Pass

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

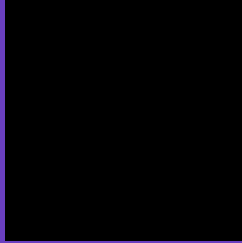
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3FC0 Background



This preview shows how black text looks on a background with the Hex color 6A3FC0.

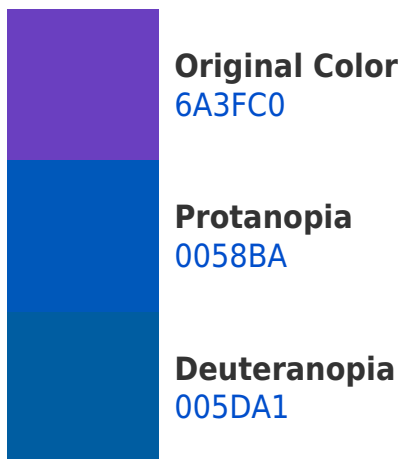


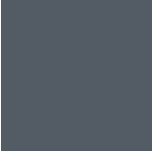
This preview shows how white text looks on a background with the Hex color 6A3FC0.

# 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](#).

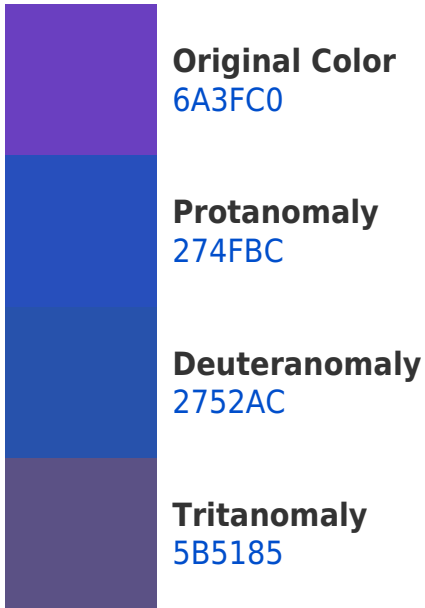
## Dichromacy





**Tritanopia**  
535C64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3FC0 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 #6A3FC0 looks like.

```
.text, #text, p{  
    color:#6A3FC0  
}
```

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 #6A3FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3FC0
}
```

## Border

The CSS property to change the border of an element to Hex 6A3FC0 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
#6A3FC0 }
```

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

```
.border{ border-color:#6A3FC0 }
```

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

Here you see how a box with a 4 pixel #6A3FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3FC0; -webkit-box-shadow:4px 4px  
4px 4px #6A3FC0; box-shadow:4px 4px 4px  
4px #6A3FC0 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3FC0 }
```

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

```
.background{ background-color:#6A3FC0 }
```

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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