

Converting Colors

Hex(6B3FAA)

Have a look what the booklet for
Hex(6B3FAA) contains.

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Color

Hex(6B3FAA)

Conversions

Conversions Part 1

Format	Color
Hex	6B3FAA
RGB	107, 63, 170
RGB Percent	42%, 25%, 67%
CMY	0.5804, 0.7529, 0.3333
CMYK	0.37, 0.63, 0.00, 0.33
HSL	265°, 46%, 46%
HSV	265°, 63%, 67%
XYZ	15.0966, 9.5831, 39.0843
YIQ	88.3540, -8.1230, 42.6050

Conversions

Conversions Part 2

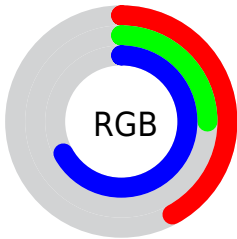
Format	Color
R_{YB}	107, 63, 170
Decimal	7028650
CIE _{Lab}	37.08, 41.97, -50.61
CIE _{LCh}	37, 65.753, 309.667
Yxy	9.5831, 0.2368, 0.1503
Android (android.graphics.Color)	4285218730 (0xFF6B3FAA)
YUV	88.3540, 40.2515, 16.3525
Hunter-Lab	30.9566, 32.8752, -53.1871

Details

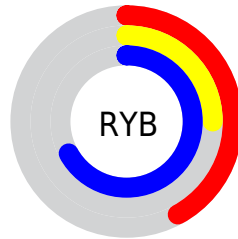
The Hex color **6B3FAA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7EAA3F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A271E2**, and **340E75** is the 20% darker color. If you saturate the color by 10%, you get **612EAA**, and if you desaturate by 10%, it is **7550AA**.

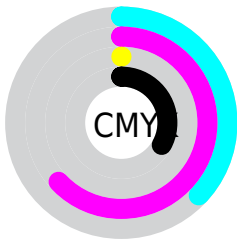
Distribution



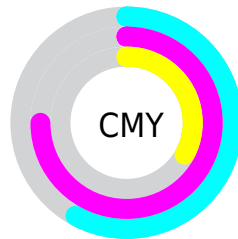
- Red (42%)
- Green (25%)
- Blue (67%)



- Red (42%)
- Yellow (25%)
- Blue (67%)



- Cyan (37%)
- Magenta (63%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3FAA 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 6B3FAA by changing the saturation by 10% instead.

6B3FAA

6B3FAA

FFFFFF

50278F

A271E2

340E75

BF8BFF

15005C

DCA6FF

000043

F9C2FF

00032C

FFDEFF

000116

FFFBFF

000000

6B3FAA

6B3FAA

612EAA

7550AA

■ 571DAA

■ 7F61AA

■ 4D0CAA

■ 8972AA

■ 4600AA

■ 9383AA

■ 9D94AA

■ A7A5AA

■ B1B6AA

■ BBC7AA

■ C5D8AA

Harmonies

Analogous

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



0059C1



6B3FAA



A1157D

Triad

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



6B3FAA



884700



006D68

Complementary

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



6B3FAA



7EAA3F

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.



006B30



6B3FAA



5C5B00

Square

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



6B3FAA



A62614



176600



006D9A

Rectangle

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



6B3FAA



AF005A



176600



006D55

Sweetspot

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



6B3FAA



C5B4DE



3F7FAA



615670



F0F0F0



707070

Same Dimension

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



6B3FAA



7B35DE



9F3FAA



4F4C54



3D0094



080014

Inverse Universe

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



AA3F7E



DE3599



4AAA3F



544C51



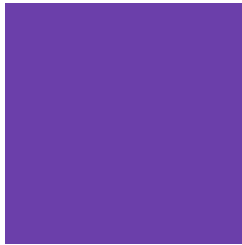
940057



14000C

Previews

White Background



This preview shows how the Hex color 6B3FAA 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

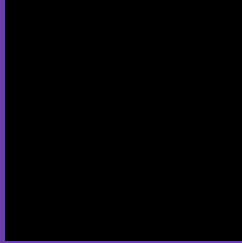
Any Text WCAG AA × Fail

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 6B3FAA Background



This preview shows how black text looks on a background with the Hex color 6B3FAA.

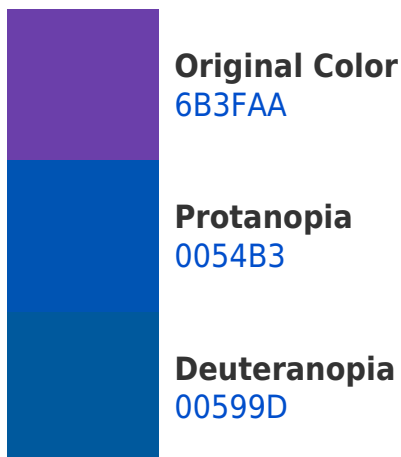



This preview shows how white text looks on a background with the Hex color 6B3FAA.

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](#).

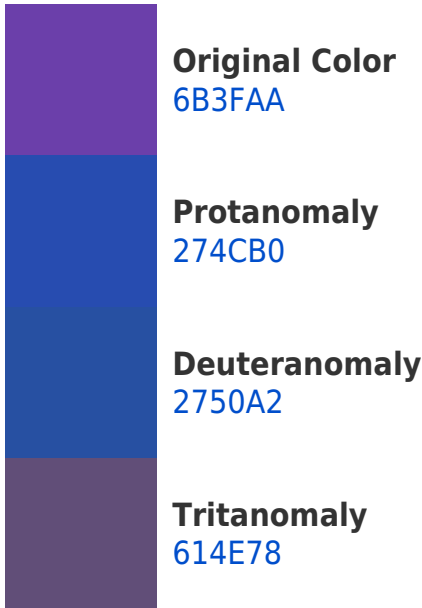
Dichromacy



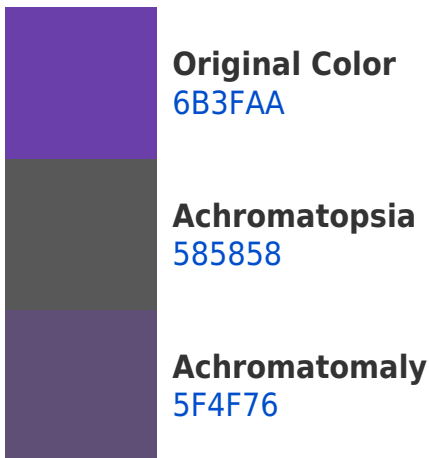


Tritanopia
5B565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3FAA 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 #6B3FAA looks like.

```
.text, #text, p{  
    color:#6B3FAA  
}
```

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 #6B3FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3FAA
}
```

Border

The CSS property to change the border of an element to Hex 6B3FAA 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
#6B3FAA }
```

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

```
.border{ border-color:#6B3FAA }
```

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

Here you see how a box with a 4 pixel #6B3FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3FAA; -webkit-box-shadow:4px 4px  
4px 4px #6B3FAA; box-shadow:4px 4px 4px  
4px #6B3FAA }
```

Background

The CSS property to change the background color of an element to Hex 6B3FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3FAA }
```

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

```
.background{ background-color:#6B3FAA }
```

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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