

Converting Colors

Hex(6A3AA0)

Have a look what the booklet for
Hex(6A3AA0) contains.

Hex(6A3AA0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A3AA0)

Conversions

Conversions Part 1

Format	Color
Hex	6A3AA0
RGB	106, 58, 160
RGB Percent	42%, 23%, 63%
CMY	0.5843, 0.7725, 0.3725
CMYK	0.34, 0.64, 0.00, 0.37
HSL	268°, 47%, 43%
HSV	268°, 64%, 63%
XYZ	13.8021, 8.6283, 34.1957
YIQ	83.9800, -4.1340, 41.8980

Conversions

Conversions Part 2

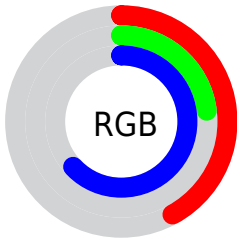
Format	Color
R _Y B	106, 58, 160
Decimal	6961824
CIE Lab	35.26, 41.87, -47.57
CIE LCh	35, 63.368, 311.351
Yxy	8.6283, 0.2437, 0.1524
Android (android.graphics.Color)	4285151904 (0xFF6A3AA0)
YUV	83.9800, 37.4779, 19.3115
Hunter-Lab	29.3741, 32.4678, -48.4604

Details

The Hex color **6A3AA0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70A03A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A16CD7**, and **34076C** is the 20% darker color. If you saturate the color by 10%, you get **622AA0**, and if you desaturate by 10%, it is **724AA0**.

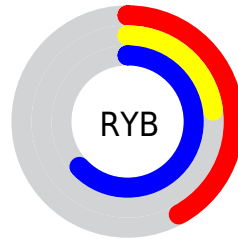
Distribution



Red (42%)

Green (23%)

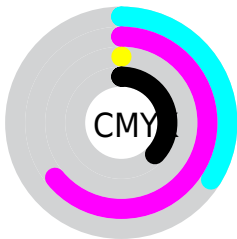
Blue (63%)



Red (42%)

Yellow (23%)

Blue (63%)

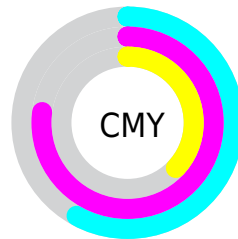


Cyan (34%)

Magenta (64%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (77%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3AA0 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 6A3AA0 by changing the saturation by 10% instead.

6A3AA0

6A3AA0

FFFFFF

4F2285

A16CD7

34076C

BD86F4

180053

DAA1FF

00003B

F7BCFF

000224

FFD8FF

00000C

FFF5FF

000000

6A3AA0

6A3AA0

622AA0

724AA0

■ 591AA0

■ 7B5AA0

■ 510AA0

■ 836AA0

■ 4B00A0

■ 8C7AA0

■ 948AA0

■ 9D9AA0

■ A5AAA0

■ AEBA00

■ B6CAA0

Harmonies

Analogous

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



0053B8



6A3AA0



9B1174

Triad

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



6A3AA0



7F4400



006866

Complementary

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



6A3AA0



70A03A

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.



006630



6A3AA0



555700

Square

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



6A3AA0



9D2610



0E6100



006795

Rectangle

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



6A3AA0



A80053



0E6100



006854

Sweetspot

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



6A3AA0



BCA9D1



3A70A0



5C5169



E8E8E8



696969

Same Dimension

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



6A3AA0



7C30D1



9D3AA0



4B474F



43008F



07000F

Inverse Universe

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



A03A70



D13085



3DA03A



4F474B



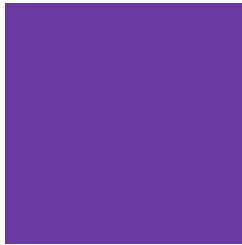
8F004C



0F0008

Previews

White Background



This preview shows how the Hex color 6A3AA0 looks on a white background.

Color Contrast Check

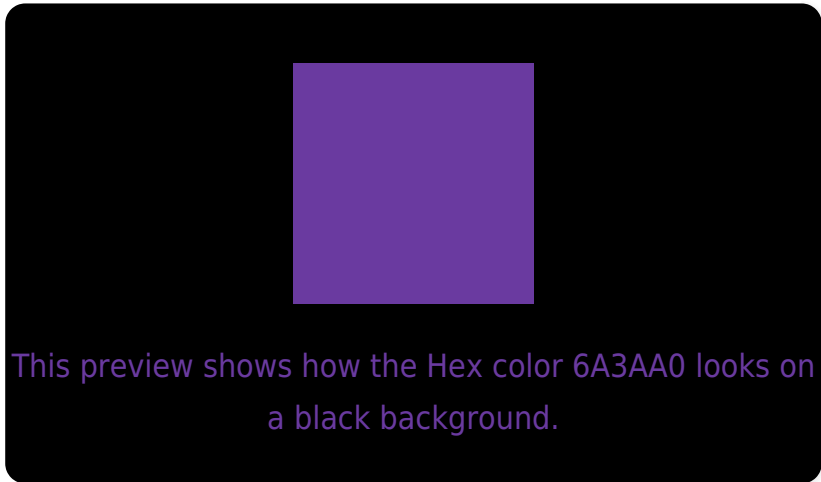
Large Text (above 18pt) WCAG AA ✓ Pass

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

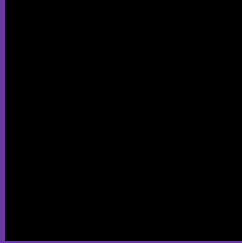
Any Text WCAG AA × Fail

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 6A3AA0 Background



This preview shows how black text looks on a background with the Hex color 6A3AA0.

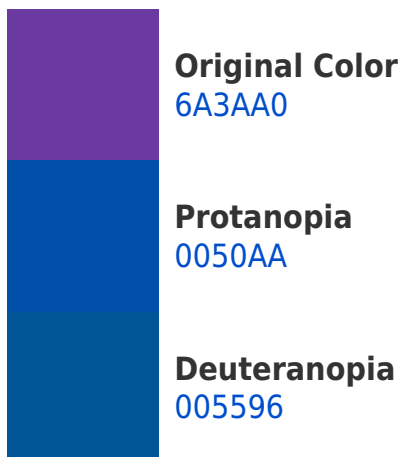



This preview shows how white text looks on a background with the Hex color 6A3AA0.

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](#).

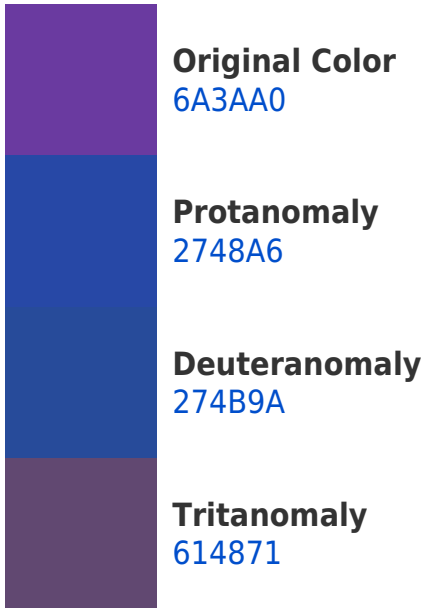
Dichromacy



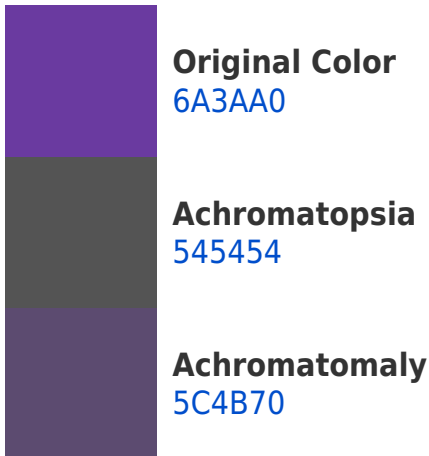


Tritanopia
5C5056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3AA0 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 #6A3AA0 looks like.

```
.text, #text, p{  
    color:#6A3AA0  
}
```

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 #6A3AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3AA0
}
```

Border

The CSS property to change the border of an element to Hex 6A3AA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

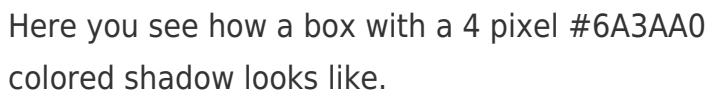
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3AA0 }
```

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

```
.border{ border-color:#6A3AA0 }
```

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



Here you see how a box with a 4 pixel #6A3AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3AA0; -webkit-box-shadow:4px 4px  
4px 4px #6A3AA0; box-shadow:4px 4px 4px  
4px #6A3AA0 }
```

Background

The CSS property to change the background color of an element to Hex 6A3AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3AA0 }
```

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

```
.background{ background-color:#6A3AA0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor