

Converting Colors

Hex(6C3A8D)

Have a look what the booklet for
Hex(6C3A8D) contains.

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Color

Hex(6C3A8D)

Conversions

Conversions Part 1

Format	Color
Hex	6C3A8D
RGB	108, 58, 141
RGB Percent	42%, 23%, 55%
CMY	0.5765, 0.7725, 0.4471
CMYK	0.23, 0.59, 0.00, 0.45
HSL	276°, 42%, 39%
HSV	276°, 59%, 55%
XYZ	12.5051, 8.1373, 26.1109
YIQ	82.4120, 3.1570, 36.4130

Conversions

Conversions Part 2

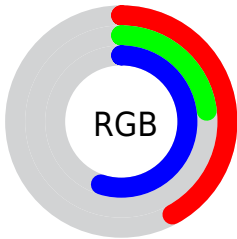
Format	Color
R _{YB}	108, 58, 141
Decimal	7092877
CIE Lab	34.27, 37.63, -37.59
CIE LCh	34, 53.191, 315.035
Yxy	8.1373, 0.2675, 0.1740
Android (android.graphics.Color)	4285282957 (0xFF6C3A8D)
YUV	82.4120, 28.8839, 22.4407
Hunter-Lab	28.5260, 28.3295, -34.3020

Details

The Hex color **6C3A8D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B8D3A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A26CC3**, and **39085A** is the 20% darker color. If you saturate the color by 10%, you get **662C8D**, and if you desaturate by 10%, it is **72488D**.

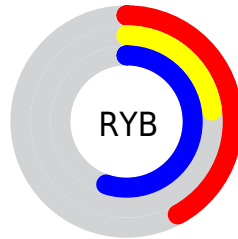
Distribution



Red (42%)

Green (23%)

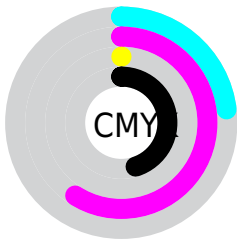
Blue (55%)



Red (42%)

Yellow (23%)

Blue (55%)

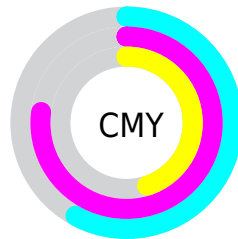


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (77%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3A8D 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 6C3A8D by changing the saturation by 10% instead.

 6C3A8D

 6C3A8D

FFFFFF

 522273

 A26CC3

 39085A

 BE85DF

 210042

 DAA0FC

 00002B

 F7BCFF

 000115

 FFD8FF

 000000

 FFF4FF

 6C3A8D

 6C3A8D

 662C8D

 72488D

611E8D

77568D

5B108D

7D648D

56028D

82728D

55008D

88818D

8E8F8D

939D8D

99AB8D

9EB98D

Harmonies

Analogous

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



004FA3



6C3A8D



902368

Triad

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



6C3A8D



744700



006365

Complementary

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



6C3A8D



5B8D3A

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.



006239



6C3A8D



4F5500

Square

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



6C3A8D



8E3215



175E09



00628C

Rectangle

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



6C3A8D



991C4B



175E09



006357

Sweetspot

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



6C3A8D



AA97B8



3A5B8D



54485C



DBDBDB



5C5C5C

Same Dimension

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



6C3A8D



8435B8



8D3A85



454047



510087



050008

Inverse Universe

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



8D3A5B



B83569



3A8D42



474043



870036



080003

Previews

White Background



This preview shows how the Hex color 6C3A8D looks on a white background.

Color Contrast Check

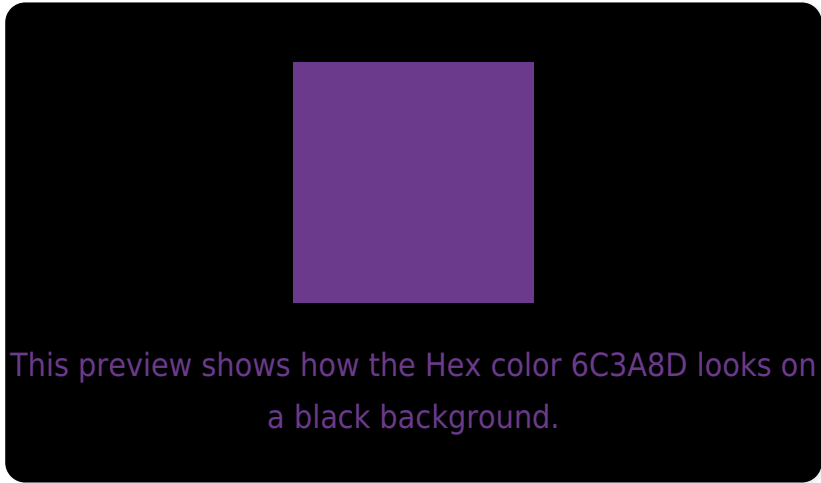
Large Text (above 18pt) WCAG AA ✓ Pass

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

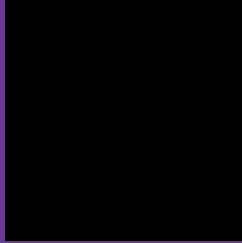
Any Text WCAG AA × Fail

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 6C3A8D Background



This preview shows how black text looks on a background with the Hex color 6C3A8D.

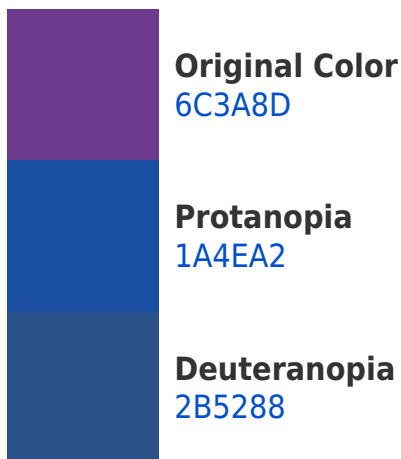


This preview shows how white text looks on a background with the Hex color 6C3A8D.

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
624B50

Trichromacy



Original Color
6C3A8D



Protanomaly
38479A



Deuteranomaly
43498A



Tritanomaly
664566

Monochromacy



Original Color
6C3A8D



Achromatopsia
525252



Achromatomaly
5B4967

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3A8D 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 #6C3A8D looks like.

```
.text, #text, p{  
    color:#6C3A8D  
}
```

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 #6C3A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3A8D
}
```

Border

The CSS property to change the border of an element to Hex 6C3A8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

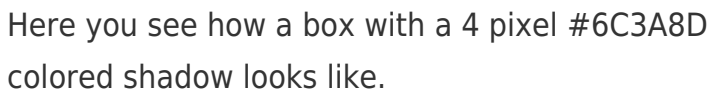
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3A8D }
```

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

```
.border{ border-color:#6C3A8D }
```

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



Here you see how a box with a 4 pixel #6C3A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3A8D; -webkit-box-shadow:4px 4px  
4px 4px #6C3A8D; box-shadow:4px 4px 4px  
4px #6C3A8D }
```

Background

The CSS property to change the background color of an element to Hex 6C3A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3A8D }
```

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

```
.background{ background-color:#6C3A8D }
```

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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