

Converting Colors

Hex(6A3A7C)

Have a look what the booklet for
Hex(6A3A7C) contains.

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Color

Hex(6A3A7C)

Conversions

Conversions Part 1

Format	Color
Hex	6A3A7C
RGB	106, 58, 124
RGB Percent	42%, 23%, 49%
CMY	0.5843, 0.7725, 0.5137
CMYK	0.15, 0.53, 0.00, 0.51
HSL	284°, 36%, 36%
HSV	284°, 53%, 49%
XYZ	11.0950, 7.5455, 19.9404
YIQ	79.8760, 7.4220, 30.7020

Conversions

Conversions Part 2

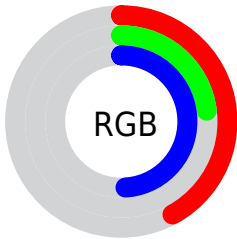
Format	Color
RYB	106, 58, 124
Decimal	6961788
CIELab	33.02, 33.08, -29.06
CIELCh	33, 44.032, 318.697
Yxy	7.5455, 0.2876, 0.1956
Android (android.graphics.Color)	4285151868 (0xFF6A3A7C)
YUV	79.8760, 21.7531, 22.9107
Hunter-Lab	27.4691, 24.0267, -23.8116

Details

The Hex color **6A3A7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4C7C3A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9F6BB1**, and **380A4B** is the 20% darker color. If you saturate the color by 10%, you get **672E7C**, and if you desaturate by 10%, it is **6D467C**.

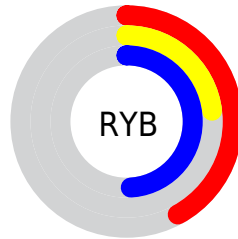
Distribution



Red (42%)

Green (23%)

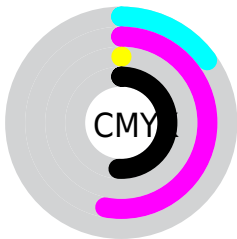
Blue (49%)



Red (42%)

Yellow (23%)

Blue (49%)

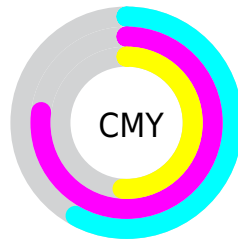


Cyan (15%)

Magenta (53%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (77%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3A7C 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 6A3A7C by changing the saturation by 10% instead.



6A3A7C



6A3A7C

FFFFFF



512263



9F6BB1



380A4B



BA85CD



220034



D79FE9



00001E



F3BBFF



000000



FFD7FF



FFF3FF



6A3A7C



6A3A7C



672E7C



6D467C

63217C

71537C

60157C

745F7C

5C087C

786C7C

5A007C

7B787C

7E847C

82917C

859D7C

88AA7C

Harmonies

Analogous

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



304A90



6A3A7C



852C5C

Triad

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



6A3A7C



694700



005E63

Complementary

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



6A3A7C



4C7C3A

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.



005D3F



6A3A7C



4A5300

Square

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



6A3A7C



80381A



1C591C



005C81

Rectangle

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



6A3A7C



8B2945



1C591C



005E57

Sweetspot

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



6A3A7C



9A87A1



3A4D7C



4D4252



D1D1D1



525252

Same Dimension

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



6A3A7C



853AA1



7C3A6E



3C373D



5B007D



B800FC

Inverse Universe

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



7C3A4C



A13A56



3A7C48



3D3739



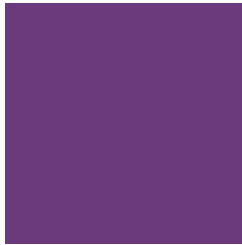
7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 6A3A7C looks on a white background.

Color Contrast Check

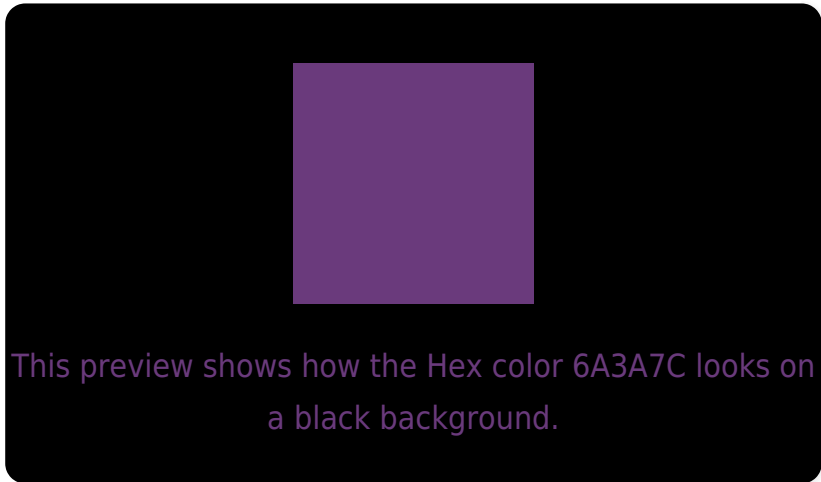
Large Text (above 18pt) WCAG AA ✓ Pass

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

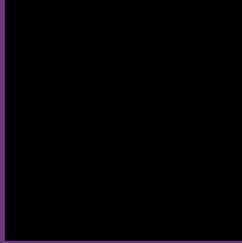
Any Text WCAG AA × Fail

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 6A3A7C Background



This preview shows how black text looks on a background with the Hex color 6A3A7C.

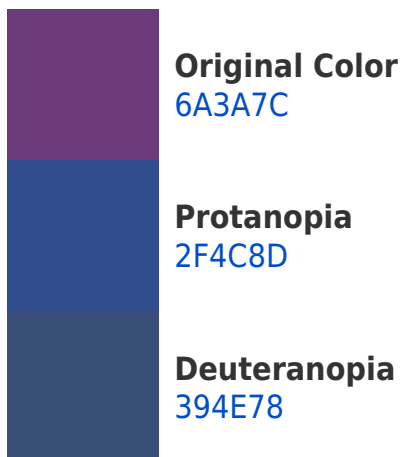



This preview shows how white text looks on a background with the Hex color 6A3A7C.

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
63464C

Trichromacy



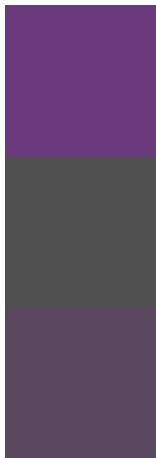
Original Color
6A3A7C

Protanomaly
444587

Deuteranomaly
4B4779

Tritanomaly
66425D

Monochromacy



Original Color
6A3A7C

Achromatopsia
505050

Achromatomaly
594860

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3A7C 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 #6A3A7C looks like.

```
.text, #text, p{  
    color:#6A3A7C  
}
```

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 #6A3A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3A7C
}
```

Border

The CSS property to change the border of an element to Hex 6A3A7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

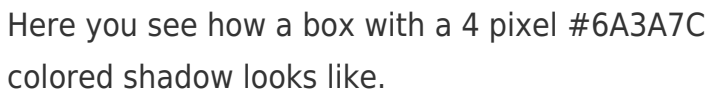
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3A7C }
```

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

```
.border{ border-color:#6A3A7C }
```

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



Here you see how a box with a 4 pixel #6A3A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3A7C; -webkit-box-shadow:4px 4px  
4px 4px #6A3A7C; box-shadow:4px 4px 4px  
4px #6A3A7C }
```

Background

The CSS property to change the background color of an element to Hex 6A3A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3A7C }
```

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

```
.background{ background-color:#6A3A7C }
```

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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