

Converting Colors

Hex(6A3C83)

Have a look what the booklet for
Hex(6A3C83) contains.

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Color

Hex(6A3C83)

Conversions

Conversions Part 1

Format	Color
Hex	6A3C83
RGB	106, 60, 131
RGB Percent	42%, 24%, 51%
CMY	0.5843, 0.7647, 0.4863
CMYK	0.19, 0.54, 0.00, 0.49
HSL	279°, 37%, 37%
HSV	279°, 54%, 51%
XYZ	11.6565, 7.9346, 22.3899
YIQ	81.8480, 4.6250, 31.8330

Conversions

Conversions Part 2

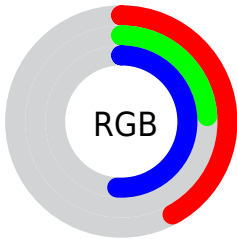
Format	Color
R_{YB}	106, 60, 131
Decimal	6962307
CIE _{Lab}	33.85, 33.56, -32.11
CIE _{LCh}	34, 46.446, 316.269
Yxy	7.9346, 0.2777, 0.1890
Android (android.graphics.Color)	4285152387 (0xFF6A3C83)
YUV	81.8480, 24.2319, 21.1813
Hunter-Lab	28.1684, 24.5710, -27.4093

Details

The Hex color **6A3C83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **55833C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9F6DB8**, and **380C51** is the 20% darker color. If you saturate the color by 10%, you get **652F83**, and if you desaturate by 10%, it is **6F4983**.

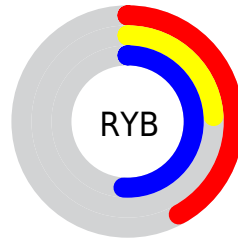
Distribution



Red (42%)

Green (24%)

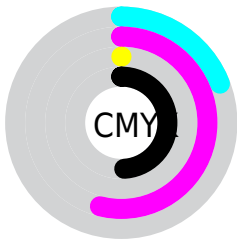
Blue (51%)



Red (42%)

Yellow (24%)

Blue (51%)

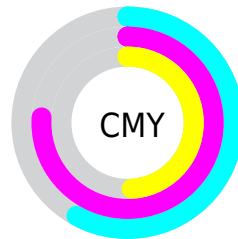


Cyan (19%)

Magenta (54%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3C83 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 6A3C83 by changing the saturation by 10% instead.

6A3C83

6A3C83

FFFFFF

51246A

9F6DB8

380C51

BB87D4

21003A

D7A2F1

000023

F4BDFE

00000A

FFD9FF

000000

FFF6FF

6A3C83

6A3C83

652F83

6F4983

612283

735683

5C1583

786383

580883

7C7083

550083

817E83

868B83

8A9883

8FA583

94B283

Harmonies

Analogous

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



254D97



6A3C83



892B62

Triad

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



6A3C83



6E4800



006063

Complementary

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



6A3C83



55833C

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.



005F3D



6A3C83



4E5400

Square

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



6A3C83



86371B



205C17



005F84

Rectangle

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



6A3C83



902849



205C17



006057

Sweetspot

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



6A3C83



A190AB



3C5683



514657



D6D6D6



575757

Same Dimension

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



6A3C83



843CAB



833C7A



403C42



540082



020003

Inverse Universe

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



833C55



AB3C63



3C8345



423C3E



82002E



030001

Previews

White Background



This preview shows how the Hex color 6A3C83 looks on a white background.

Color Contrast Check

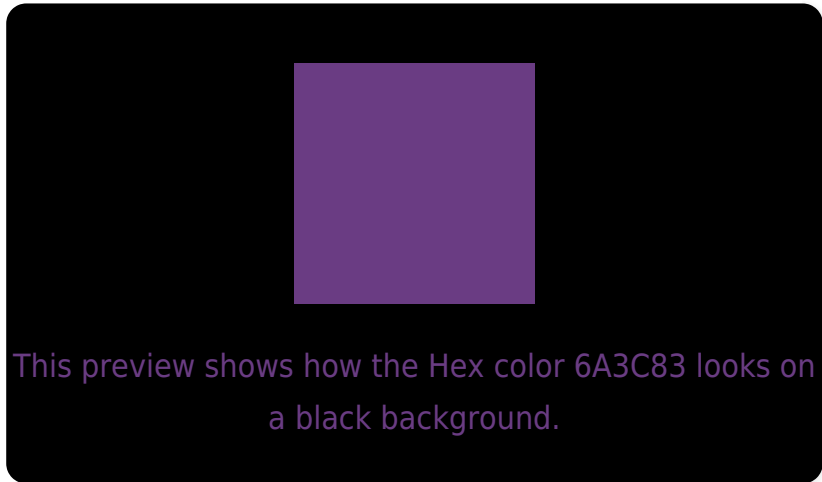
Large Text (above 18pt) WCAG AA ✓ Pass

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

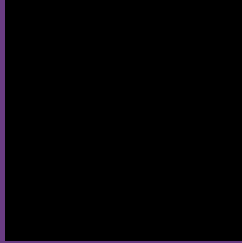
Any Text WCAG AA × Fail

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 6A3C83 Background



This preview shows how black text looks on a background with the Hex color 6A3C83.

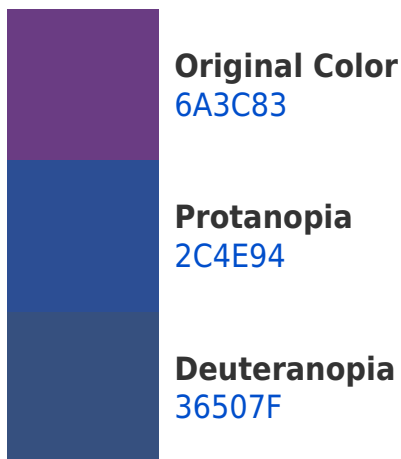



This preview shows how white text looks on a background with the Hex color 6A3C83.

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
62494F

Trichromacy



Original Color
6A3C83



Protanomaly
43478E



Deuteranomaly
494980



Tritanomaly
654462

Monochromacy



Original Color
6A3C83



Achromatopsia
525252



Achromatomaly
5B4A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3C83 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 #6A3C83 looks like.

```
.text, #text, p{  
    color:#6A3C83  
}
```

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 #6A3C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3C83
}
```

Border

The CSS property to change the border of an element to Hex 6A3C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

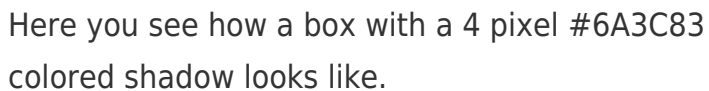
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3C83 }
```

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

```
.border{ border-color:#6A3C83 }
```

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



Here you see how a box with a 4 pixel #6A3C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3C83; -webkit-box-shadow:4px 4px  
4px 4px #6A3C83; box-shadow:4px 4px 4px  
4px #6A3C83 }
```

Background

The CSS property to change the background color of an element to Hex 6A3C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3C83 }
```

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

```
.background{ background-color:#6A3C83 }
```

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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