

Converting Colors

Hex(6F3A7D)

Have a look what the booklet for
Hex(6F3A7D) contains.

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Color

Hex(6F3A7D)

Conversions

Conversions Part 1

Format	Color
Hex	6F3A7D
RGB	111, 58, 125
RGB Percent	44%, 23%, 49%
CMY	0.5647, 0.7725, 0.5098
CMYK	0.11, 0.54, 0.00, 0.51
HSL	287°, 37%, 36%
HSV	287°, 54%, 49%
XYZ	11.7703, 7.8863, 20.3039
YIQ	81.4850, 10.0810, 32.0730

Conversions

Conversions Part 2

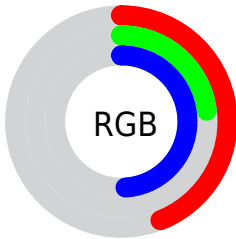
Format	Color
R_{YB}	111, 58, 125
Decimal	7289469
CIE _{Lab}	33.74, 34.80, -28.50
CIE _{LCh}	34, 44.981, 320.692
Yxy	7.8863, 0.2945, 0.1974
Android (android.graphics.Color)	4285479549 (0xFF6F3A7D)
YUV	81.4850, 21.4529, 25.8847
Hunter-Lab	28.0825, 25.6705, -23.2093

Details

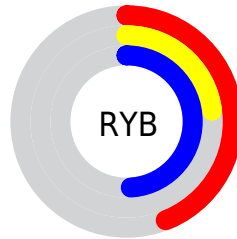
The Hex color **6F3A7D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **487D3A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A46BB2**, and **3D094C** is the 20% darker color. If you saturate the color by 10%, you get **6C2E7D**, and if you desaturate by 10%, it is **72477D**.

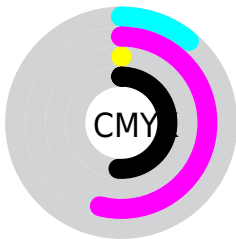
Distribution



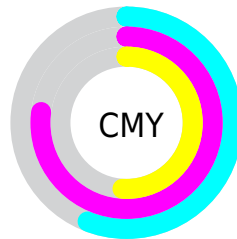
- Red (44%)
- Green (23%)
- Blue (49%)



- Red (44%)
- Yellow (23%)
- Blue (49%)



- Cyan (11%)
- Magenta (54%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (77%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F3A7D 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 6F3A7D by changing the saturation by 10% instead.

 6F3A7D

 6F3A7D

FFFFFF

 562264

 A46BB2

 3D094C

 C085CE

 260035

 DCA0EA

 00001F

 F9BBFF

 000001

 FFD7FF

 000000

 FFF4FF

 6F3A7D

 6F3A7D

 6C2E7D

 72477D

■ 6A217D

■ 74537D

■ 67157D

■ 77607D

■ 65087D

■ 796C7D

■ 63007D

■ 7C797D

■ 7F857D

■ 81927D

■ 849E7D

■ 87AB7D

Harmonies

Analogous

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



374B93



6F3A7D



892C5C

Triad

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



6F3A7D



694A00



006068

Complementary

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



6F3A7D



487D3A

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.



005F43



6F3A7D



495500

Square

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



6F3A7D



823B18



175C1F



005D86

Rectangle

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



6F3A7D



8F2A44



175C1F



00605C

Sweetspot

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



6F3A7D



9E89A3



3A497D



4E4252



D1D1D1



525252

Same Dimension

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



6F3A7D



8D3BA3



7D3A6A



3E3940



650080



000000

Inverse Universe

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



7D3A48



A33B51



3A7D4D



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 6F3A7D looks on a white background.

Color Contrast Check

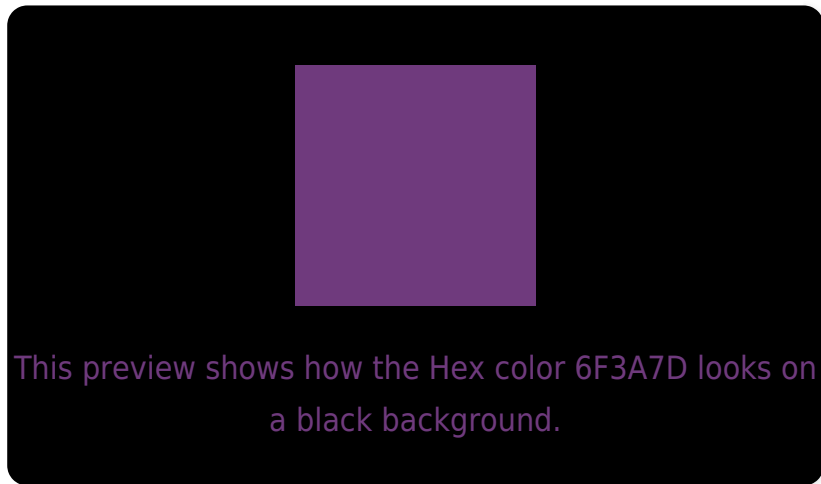
Large Text (above 18pt) WCAG AA ✓ Pass

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

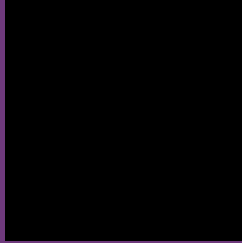
Any Text WCAG AA × Fail

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 6F3A7D Background



This preview shows how black text looks on a background with the Hex color 6F3A7D.



This preview shows how white text looks on a background with the Hex color 6F3A7D.

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



Original Color
6F3A7D

Protanopia
314E8F

Deuteranopia
3C5079



Tritanopia
68474C

Trichromacy



Original Color
6F3A7D



Protanomaly
484788



Deuteranomaly
4F487A



Tritanomaly
6B425E

Monochromacy



Original Color
6F3A7D



Achromatopsia
515151



Achromatomaly
5C4961

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F3A7D 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 #6F3A7D looks like.

```
.text, #text, p{  
    color:#6F3A7D  
}
```

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 #6F3A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3A7D
}
```

Border

The CSS property to change the border of an element to Hex 6F3A7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

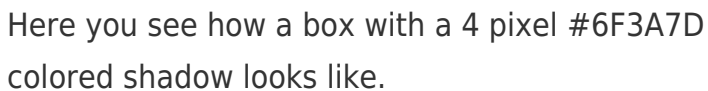
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3A7D }
```

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

```
.border{ border-color:#6F3A7D }
```

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



Here you see how a box with a 4 pixel #6F3A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3A7D; -webkit-box-shadow:4px 4px  
4px 4px #6F3A7D; box-shadow:4px 4px 4px  
4px #6F3A7D }
```

Background

The CSS property to change the background color of an element to Hex 6F3A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3A7D }
```

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

```
.background{ background-color:#6F3A7D }
```

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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