

# Converting Colors

Hex(6A3F8F)

Have a look what the booklet for  
Hex(6A3F8F) contains.

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# Color

**Hex(6A3F8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A3F8F
RGB	106, 63, 143
RGB Percent	42%, 25%, 56%
CMY	0.5843, 0.7529, 0.4392
CMYK	0.26, 0.56, 0.00, 0.44
HSL	272°, 39%, 40%
HSV	272°, 56%, 56%
XYZ	12.6793, 8.6024, 26.9787
YIQ	84.9770, -0.0520, 33.9960

# Conversions

## Conversions Part 2

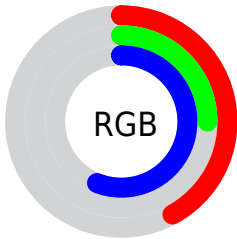
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 63, 143</a>
Decimal	<a href="#">6963087</a>
CIELab	<a href="#">35.21, 34.76, -37.33</a>
CIElCh	<a href="#">35, 51.006, 312.958</a>
Yxy	<a href="#">8.6024, 0.2627, 0.1782</a>
Android (android.graphics.Color)	<a href="#">4285153167 (0xFF6A3F8F)</a>
YUV	<a href="#">84.9770, 28.6053, 18.4372</a>
Hunter-Lab	<a href="#">29.3298, 25.8386, -34.0066</a>

# Details

The Hex color **6A3F8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **648F3F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9F70C5**, and **37105C** is the 20% darker color. If you saturate the color by 10%, you get **63318F**, and if you desaturate by 10%, it is **714D8F**.

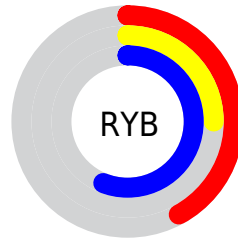
# Distribution



Red (42%)

Green (25%)

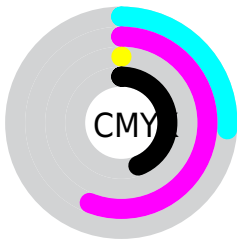
Blue (56%)



Red (42%)

Yellow (25%)

Blue (56%)

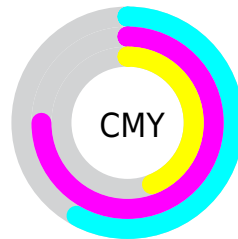


Cyan (26%)

Magenta (56%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (75%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F8F 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 6A3F8F by changing the saturation by 10% instead.



6A3F8F

6A3F8F

FFFFFF

502775

9F70C5

37105C

BB8AE1

1E0044

D8A5FE

00002D

F4C0FF

000117

FFDDFF

000000

FFF9FF

6A3F8F

6A3F8F

63318F

714D8F

5D228F

775C8F

56148F

7E6A8F

50068F

84788F

4D008F

8B878F

92958F

98A38F

9FB18F

A6C08F

# Harmonies

## Analogous

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



0052A3



6A3F8F



8F2A6C

# Triad

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



6A3F8F



774800



006564

# Complementary

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



6A3F8F



648F3F

# 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.



006439



6A3F8F



555600

# Square

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



6A3F8F



90351C



245F0E



00648A

# Rectangle

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



6A3F8F



992351



245F0E



006556



# Sweetspot

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



6A3F8F



AC9BBA



3F648F



564B5E



DEDEDE



5E5E5E



# Same Dimension

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



6A3F8F



803DBA



8F3F8C



444047



490087



040008



# Inverse Universe

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



8F3F64



BA3D77



3F8F42



474044



87003F

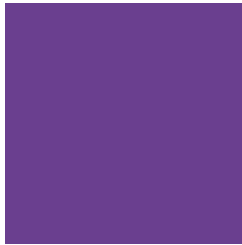


080004



# Previews

## White Background



This preview shows how the Hex color 6A3F8F looks on a white background.

## Color Contrast Check

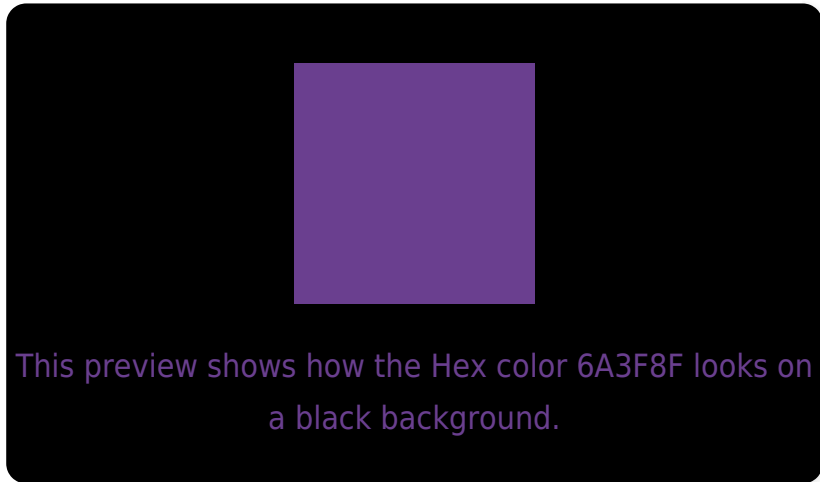
Large Text (above 18pt) WCAG AA ✓ Pass

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

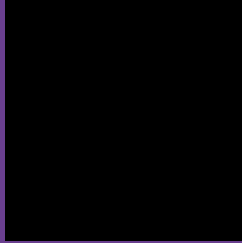
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A3F8F Background



This preview shows how black text looks on a background with the Hex color 6A3F8F.

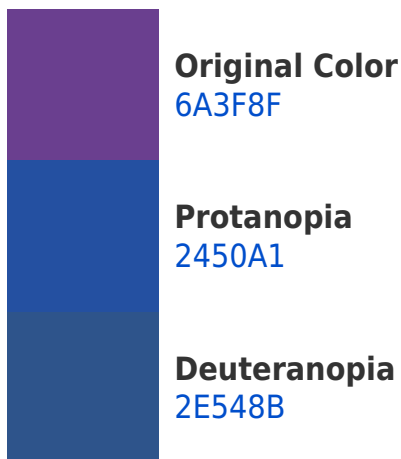


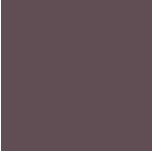
This preview shows how white text looks on a background with the Hex color 6A3F8F.

# 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](#).

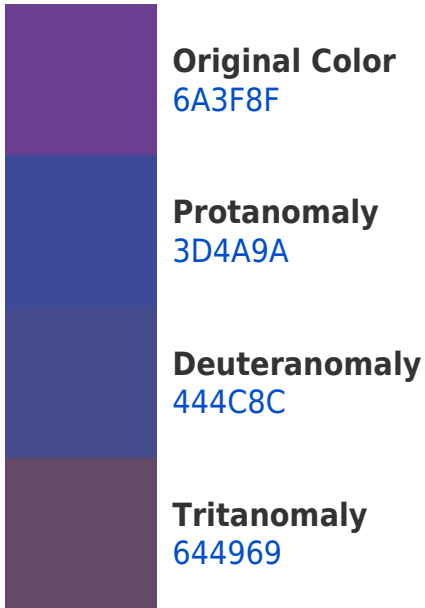
## Dichromacy



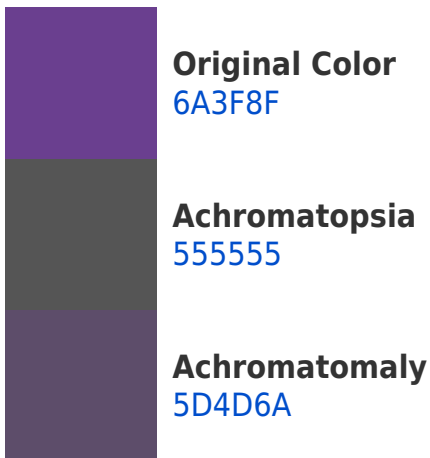


**Tritanopia**  
604E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3F8F 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 #6A3F8F looks like.

```
.text, #text, p{  
    color:#6A3F8F  
}
```

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 #6A3F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F8F
}
```

## Border

The CSS property to change the border of an element to Hex 6A3F8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

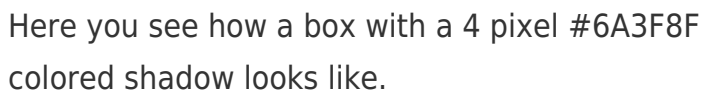
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3F8F }
```

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

```
.border{ border-color:#6A3F8F }
```

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



Here you see how a box with a 4 pixel #6A3F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F8F; -webkit-box-shadow:4px 4px  
4px 4px #6A3F8F; box-shadow:4px 4px 4px  
4px #6A3F8F }
```

# Background

The CSS property to change the background color of an element to Hex 6A3F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F8F }
```

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

```
.background{ background-color:#6A3F8F }
```

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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