

# Converting Colors

Hex(653F8D)

Have a look what the booklet for  
Hex(653F8D) contains.

<b>Hex(653F8D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(653F8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653F8D
RGB	101, 63, 141
RGB Percent	40%, 25%, 55%
CMY	0.6039, 0.7529, 0.4471
CMYK	0.28, 0.55, 0.00, 0.45
HSL	269°, 38%, 40%
HSV	269°, 55%, 55%
XYZ	11.9521, 8.2448, 26.1608
YIQ	83.2540, -2.3900, 32.3140

# Conversions

## Conversions Part 2

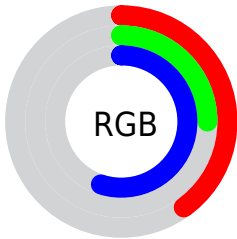
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 63, 141
Decimal	6635405
CIE <sub>Lab</sub>	34.49, 32.88, -37.29
CIE <sub>LCh</sub>	34, 49.713, 311.405
Yxy	8.2448, 0.2578, 0.1779
Android (android.graphics.Color)	4284825485 (0xFF653F8D)
YUV	83.2540, 28.4688, 15.5632
Hunter-Lab	28.7138, 24.0512, -33.9188

# Details

The Hex color **653F8D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **678D3F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9A70C3**, and **32115A** is the 20% darker color. If you saturate the color by 10%, you get **5E318D**, and if you desaturate by 10%, it is **6C4D8D**.

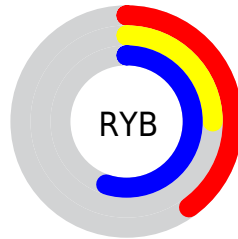
# Distribution



Red (40%)

Green (25%)

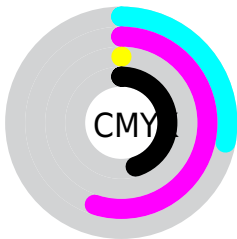
Blue (55%)



Red (40%)

Yellow (25%)

Blue (55%)

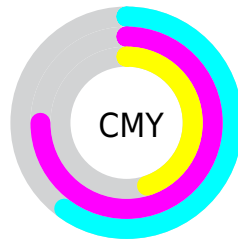


Cyan (28%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653F8D 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 653F8D by changing the saturation by 10% instead.



653F8D

653F8D

FFFFFF

4B2873

9A70C3

32115A

B68ADF

1A0042

D2A5FC

00002B

EFC0FF

000116

FFDCFF

000000

FFF9FF

653F8D

653F8D

5E318D

6C4D8D

■ 57238D

■ 735B8D

■ 4F158D

■ 7B698D

■ 48078D

■ 82778D

■ 45008D

■ 89868D

■ 90948D

■ 98A28D

■ 9FB08D

■ A6BE8D

# Harmonies

## Analogous

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



00519F



653F8D



8B2B6B

# Triad

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



653F8D



764600



006360

# Complementary

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



653F8D



678D3F

# 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.



006136



653F8D



555400

# Square

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



653F8D



8E331E



275D0C



006285

# Rectangle

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



653F8D



952451



275D0C



006352



# Sweetspot

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



653F8D



A898B8



3F678D



52495C



DBDBDB



5C5C5C



# Same Dimension

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



653F8D



793EB8



8C3F8D



444047



420087



040008



# Inverse Universe

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



8D3F67



B83E7D



408D3F



474044



870045

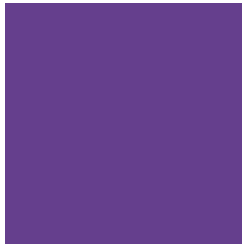


080004



# Previews

## White Background



This preview shows how the Hex color 653F8D 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

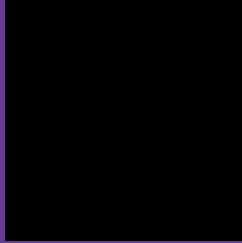
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 653F8D Background



This preview shows how black text looks on a background with the Hex color 653F8D.

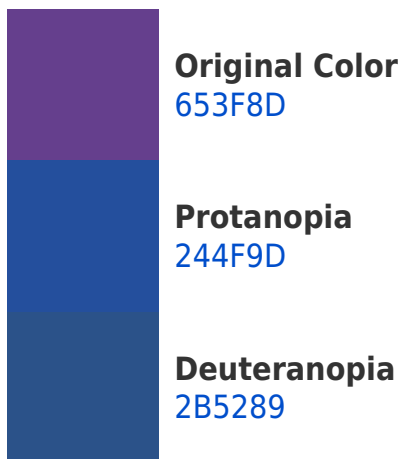


This preview shows how white text looks on a background with the Hex color 653F8D.

# 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**  
5B4E54

# Trichromacy



**Original Color**  
653F8D

**Protanomaly**  
3C4997

**Deuteranomaly**  
404B8A

**Tritanomaly**  
5F4969

# Monochromacy



**Original Color**  
653F8D

**Achromatopsia**  
535353

**Achromatomaly**  
5A4C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653F8D 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 #653F8D looks like.

```
.text, #text, p{  
    color:#653F8D  
}
```

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 #653F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653F8D
}
```

## Border

The CSS property to change the border of an element to Hex 653F8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

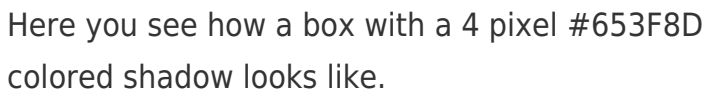
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653F8D }
```

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

```
.border{ border-color:#653F8D }
```

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



Here you see how a box with a 4 pixel #653F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653F8D; -webkit-box-shadow:4px 4px  
4px 4px #653F8D; box-shadow:4px 4px 4px  
4px #653F8D }
```

# Background

The CSS property to change the background color of an element to Hex 653F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653F8D }
```

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

```
.background{ background-color:#653F8D }
```

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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