

# Converting Colors

Hex(613E98)

Have a look what the booklet for  
Hex(613E98) contains.

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# Color

**Hex(613E98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613E98
RGB	97, 62, 152
RGB Percent	38%, 24%, 60%
CMY	0.6196, 0.7569, 0.4039
CMYK	0.36, 0.59, 0.00, 0.40
HSL	263°, 42%, 42%
HSV	263°, 59%, 60%
XYZ	12.3199, 8.2536, 30.6495
YIQ	82.7250, -8.0300, 35.4100

# Conversions

## Conversions Part 2

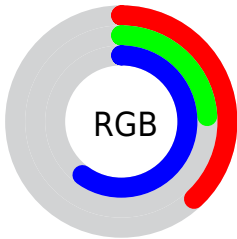
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 62, 152
Decimal	6373016
CIE <sub>Lab</sub>	34.51, 35.35, -44.00
CIE <sub>LCh</sub>	35, 56.435, 308.778
Yxy	8.2536, 0.2405, 0.1611
Android (android.graphics.Color)	4284563096 (0xFF613E98)
YUV	82.7250, 34.1526, 12.5192
Hunter-Lab	28.7291, 26.2700, -43.1429

# Details

The Hex color **613E98** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **75983E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **976FCF**, and **2C1064** is the 20% darker color. If you saturate the color by 10%, you get **582F98**, and if you desaturate by 10%, it is **6A4D98**.

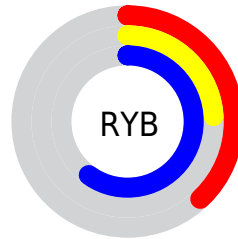
# Distribution



Red (38%)

Green (24%)

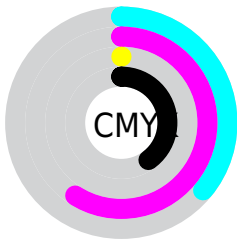
Blue (60%)



Red (38%)

Yellow (24%)

Blue (60%)

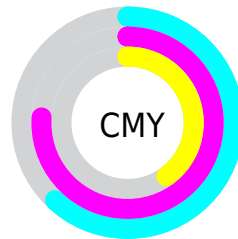


Cyan (36%)

Magenta (59%)

Yellow (0%)

Black (40%)



Cyan (62%)

Magenta (76%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613E98 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 613E98 by changing the saturation by 10% instead.



613E98

613E98

FFFFFF

47277E

976FCF

2C1064

B389EB

10004C

CFA4FF

000034

ECBFFF

00021E

FFDBFF

000000

FFF8FF

613E98

613E98

582F98

6A4D98

■ 4E2098

■ 745C98

■ 451098

■ 7D6C98

■ 3C0198

■ 867B98

■ 3B0098

■ 8F8A98

■ 999998

■ A2A898

■ ABB898

■ B5C798

# Harmonies

## Analogous

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



0053AB



613E98



8F2273

# Triad

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



613E98



7D4300



00645E

# Complementary

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



613E98



75983E

# 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.



00622E



613E98



585400

# Square

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



613E98



962A1B



235D00



006489

# Rectangle

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



613E98



9C1455



235D00



00644E



# Sweetspot

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



613E98



AFA1C4



3E7698



564E63



E3E3E3



636363



# Same Dimension

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



613E98



6F39C4



8D3E98



48454D



37008C



05000D



# Inverse Universe

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



983E75



C4398E



49983E



4D454A



8C0056

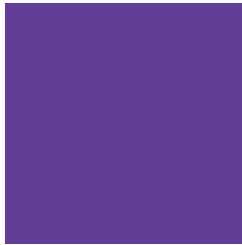


0D0008



# Previews

## White Background



This preview shows how the Hex color 613E98 looks on a white background.

## Color Contrast Check

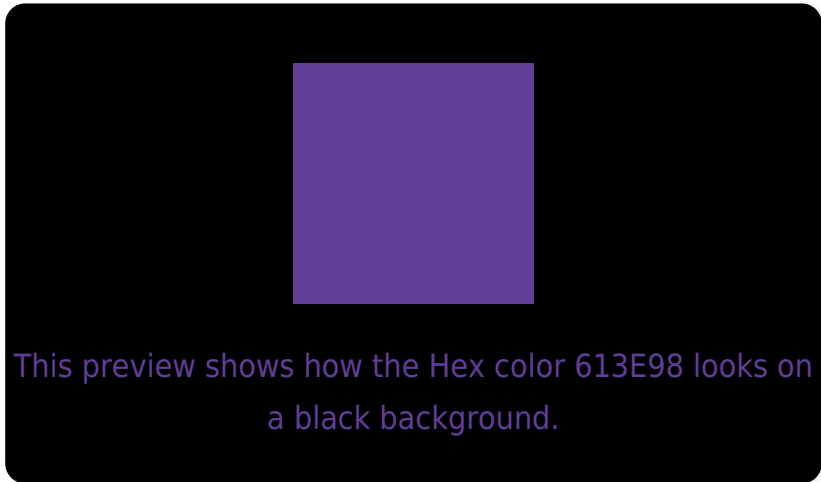
Large Text (above 18pt) WCAG AA ✓ Pass

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 613E98 Background



This preview shows how black text looks on a background with the Hex color 613E98.

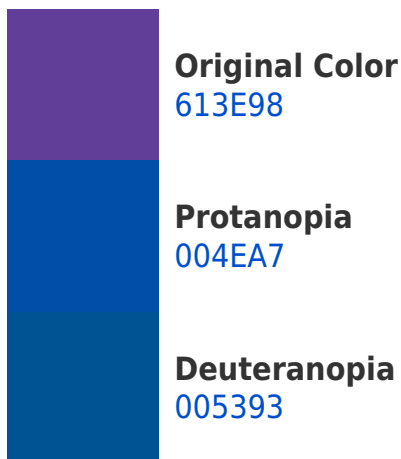



This preview shows how white text looks on a background with the Hex color 613E98.

# 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](#).

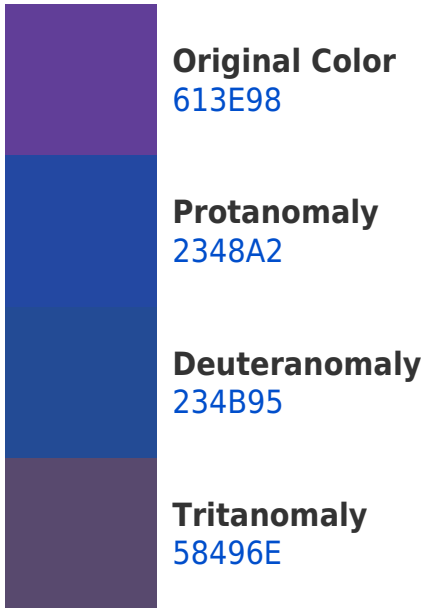
## Dichromacy





**Tritanopia**  
535056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613E98 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 #613E98 looks like.

```
.text, #text, p{  
    color:#613E98  
}
```

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 #613E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613E98  
}
```

## Border

The CSS property to change the border of an element to Hex 613E98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

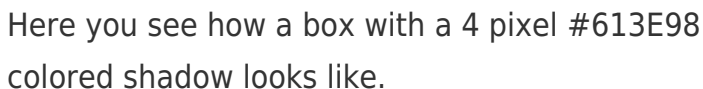
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#613E98 }
```

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

```
.border{ border-color:#613E98 }
```

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



Here you see how a box with a 4 pixel #613E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613E98; -webkit-box-shadow:4px 4px  
4px 4px #613E98; box-shadow:4px 4px 4px  
4px #613E98 }
```

# Background

The CSS property to change the background color of an element to Hex 613E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613E98 }
```

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

```
.background{ background-color:#613E98 }
```

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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