

# Converting Colors

Hex(613F7C)

Have a look what the booklet for  
Hex(613F7C) contains.

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# Color

Hex(613F7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	613F7C
RGB	97, 63, 124
RGB Percent	38%, 25%, 49%
CMY	0.6196, 0.7529, 0.5137
CMYK	0.22, 0.49, 0.00, 0.51
HSL	273°, 33%, 37%
HSV	273°, 49%, 49%
XYZ	10.3454, 7.5516, 19.9811
YIQ	80.1200, 0.6830, 26.1790

# Conversions

## Conversions Part 2

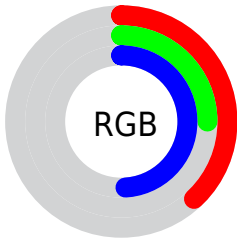
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 63, 124
Decimal	6373244
CIE <sub>Lab</sub>	33.03, 27.39, -29.12
CIE <sub>LCh</sub>	33, 39.974, 313.247
Yxy	7.5516, 0.2731, 0.1994
Android (android.graphics.Color)	4284563324 (0xFF613F7C)
YUV	80.1200, 21.6328, 14.8038
Hunter-Lab	27.4802, 19.1087, -23.8741

# Details

The Hex color **613F7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A7C3F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9570B1**, and **30124B** is the 20% darker color. If you saturate the color by 10%, you get **5C337C**, and if you desaturate by 10%, it is **664B7C**.

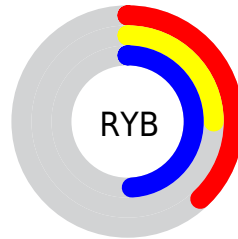
# Distribution



Red (38%)

Green (25%)

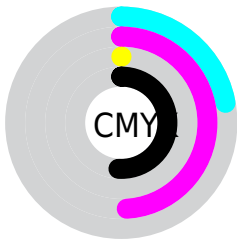
Blue (49%)



Red (38%)

Yellow (25%)

Blue (49%)

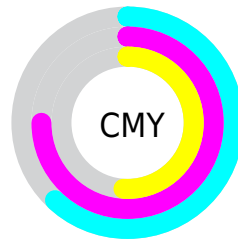


Cyan (22%)

Magenta (49%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (75%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613F7C 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 613F7C by changing the saturation by 10% instead.



613F7C

613F7C

FFFFFF

482863

9570B1

30124B

B089CD

1B0034

CCA4E9

00021E

E9BFFF

000000

FFDBFF

FFF8FF

613F7C

613F7C

5C337C

664B7C

■ 56267C

■ 6C587C

■ 511A7C

■ 71647C

■ 4B0D7C

■ 77717C

■ 46017C

■ 7C7D7C

■ 45007C

■ 82897C

■ 87967C

■ 8DA27C

■ 92AF7C

# Harmonies

## Analogous

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



274D8B



613F7C



7E3261

# Triad

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



613F7C



6C460C



005D5B

# Complementary

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



613F7C



5A7C3F

# 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.



005B3A



613F7C



505106

# Square

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



613F7C



7F3924



2D581C



005B78

# Rectangle

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



613F7C



862F4C



2D581C



005C50



# Sweetspot

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



613F7C



9689A1



3F5A7C



4B4352



D1D1D1



525252



# Same Dimension

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



613F7C



7742A1



7C3F79



3A373D



46007D



8D00FC



# Inverse Universe

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



7C3F5A



A1426C



3F7C42



3D373A



7D0037



FC0070



# Previews

## White Background



This preview shows how the Hex color 613F7C 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

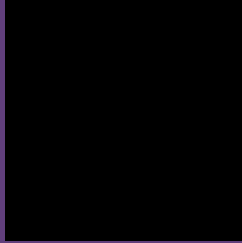
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613F7C Background



This preview shows how black text looks on a background with the Hex color 613F7C.

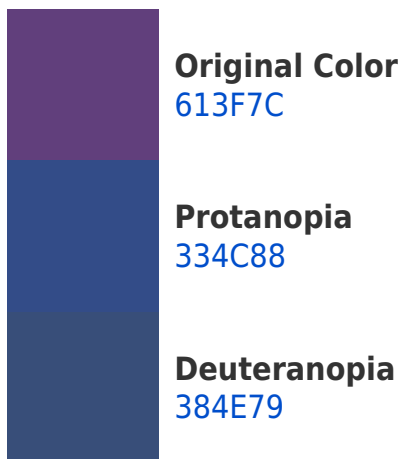



This preview shows how white text looks on a background with the Hex color 613F7C.

# 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**  
5A4A4F

# Trichromacy



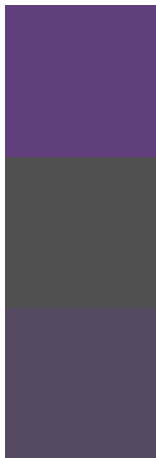
**Original Color**  
613F7C

**Protanomaly**  
444784

**Deuteranomaly**  
47497A

**Tritanomaly**  
5D465F

# Monochromacy



**Original Color**  
613F7C

**Achromatopsia**  
505050

**Achromatomaly**  
564A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613F7C 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 #613F7C looks like.

```
.text, #text, p{  
    color:#613F7C  
}
```

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 #613F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613F7C
}
```

## Border

The CSS property to change the border of an element to Hex 613F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

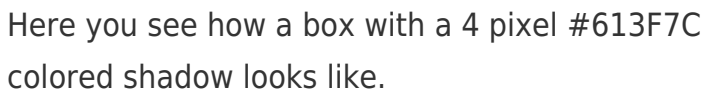
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613F7C }
```

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

```
.border{ border-color:#613F7C }
```

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



Here you see how a box with a 4 pixel #613F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613F7C; -webkit-box-shadow:4px 4px  
4px 4px #613F7C; box-shadow:4px 4px 4px  
4px #613F7C }
```

# Background

The CSS property to change the background color of an element to Hex 613F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613F7C }
```

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

```
.background{ background-color:#613F7C }
```

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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