

Converting Colors

Hex(613D75)

Have a look what the booklet for
Hex(613D75) contains.

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Color

Hex(613D75)

Conversions

Conversions Part 1

Format	Color
Hex	613D75
RGB	97, 61, 117
RGB Percent	38%, 24%, 46%
CMY	0.6196, 0.7608, 0.5412
CMYK	0.17, 0.48, 0.00, 0.54
HSL	279°, 31%, 35%
HSV	279°, 48%, 46%
XYZ	9.8094, 7.1632, 17.6953
YIQ	78.1480, 3.4800, 25.0480

Conversions

Conversions Part 2

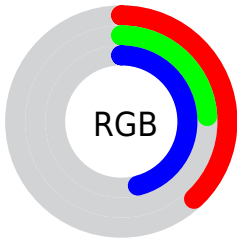
Format	Color
R_{YB}	97, 61, 117
Decimal	6372725
CIE _{Lab}	32.18, 26.88, -26.08
CIE _{LCh}	32, 37.453, 315.863
Yxy	7.1632, 0.2830, 0.2066
Android (android.graphics.Color)	4284562805 (0xFF613D75)
YUV	78.1480, 19.1540, 16.5332
Hunter-Lab	26.7642, 18.5850, -20.4648

Details

The Hex color **613D75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51753D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **956EA9**, and **311044** is the 20% darker color. If you saturate the color by 10%, you get **5D3175**, and if you desaturate by 10%, it is **654975**.

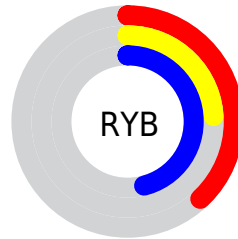
Distribution



Red (38%)

Green (24%)

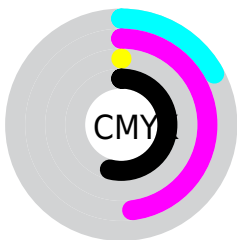
Blue (46%)



Red (38%)

Yellow (24%)

Blue (46%)

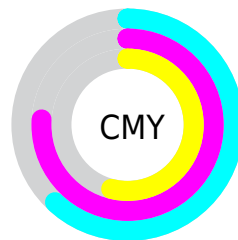


Cyan (17%)

Magenta (48%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613D75 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 613D75 by changing the saturation by 10% instead.

613D75

613D75

FFFFFF

48265C

956EA9

311044

B087C5

1D002E

CCA2E1

000118

E8BDFE

000000

FFD9FF

FFF5FF

613D75

613D75

5D3175

654975

■ 592675

■ 695475

■ 541A75

■ 6E6075

■ 500E75

■ 726C75

■ 4C0375

■ 767875

■ 4B0075

■ 7A8375

■ 7E8F75

■ 829B75

■ 87A675

Harmonies

Analogous

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



314A85



613D75



7A325B

Triad

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



613D75



66450E



005A5B

Complementary

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



613D75



51753D

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.



00593C



613D75



4C4F0C

Square

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



613D75



793922



2A5520



005875

Rectangle

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



613D75



812F47



2A5520



005A51

Sweetspot

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



613D75



918499



3D5275



483F4D



CCCCCC



4D4D4D

Same Dimension

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



613D75



7A4299



753D6E



39353B



4F007A



A100FA

Inverse Universe

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



753D51



994261



3D7544



3B3537



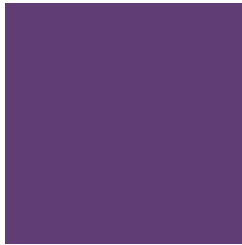
7A002C



FA0059

Previews

White Background



This preview shows how the Hex color 613D75 looks on a white background.

Color Contrast Check

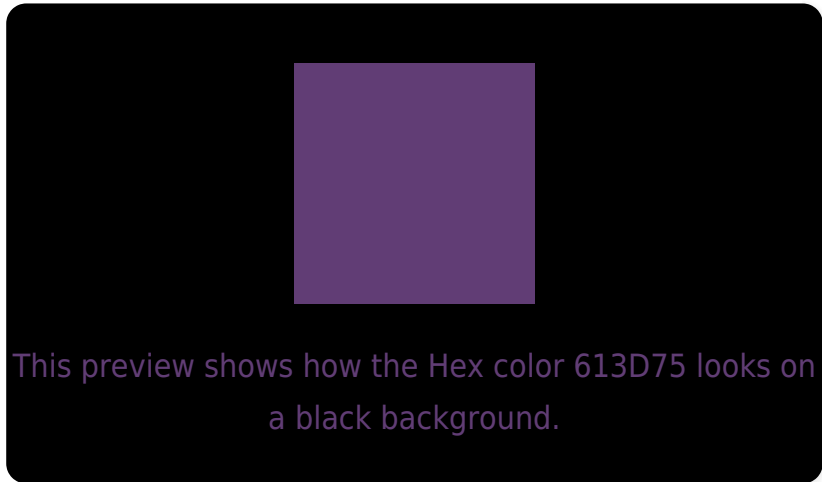
Large Text (above 18pt) WCAG AA ✓ Pass

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

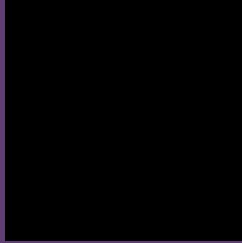
Any Text WCAG AA × Fail

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 613D75 Background



This preview shows how black text looks on a background with the Hex color 613D75.

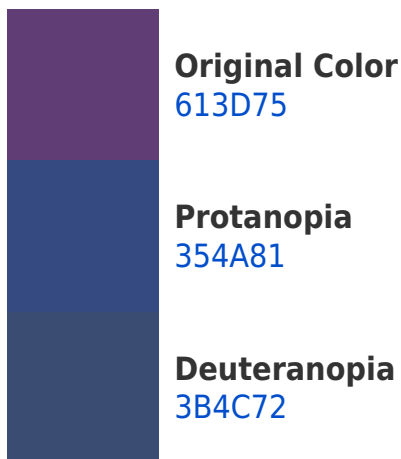


This preview shows how white text looks on a background with the Hex color 613D75.

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
5B474C

Trichromacy



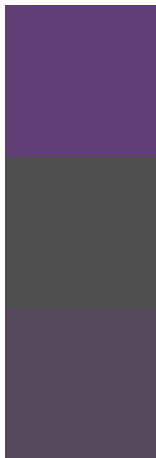
Original Color
613D75

Protanomaly
45457D

Deuteranomaly
494773

Tritanomaly
5D435B

Monochromacy



Original Color
613D75

Achromatopsia
4E4E4E

Achromatomaly
55485C

CSS Examples

Text

The CSS property to change the color of the text to Hex 613D75 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 #613D75 looks like.

```
.text, #text, p{  
    color:#613D75  
}
```

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 #613D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613D75
}
```

Border

The CSS property to change the border of an element to Hex 613D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

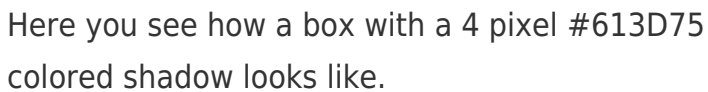
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613D75 }
```

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

```
.border{ border-color:#613D75 }
```

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



Here you see how a box with a 4 pixel #613D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613D75; -webkit-box-shadow:4px 4px  
4px 4px #613D75; box-shadow:4px 4px 4px  
4px #613D75 }
```

Background

The CSS property to change the background color of an element to Hex 613D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613D75 }
```

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

```
.background{ background-color:#613D75 }
```

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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