

# Converting Colors

Hex(613865)

Have a look what the booklet for  
Hex(613865) contains.

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# Color

**Hex(613865)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613865
RGB	97, 56, 101
RGB Percent	38%, 22%, 40%
CMY	0.6196, 0.7804, 0.6039
CMYK	0.04, 0.45, 0.00, 0.60
HSL	295°, 29%, 31%
HSV	295°, 45%, 40%
XYZ	8.6929, 6.3093, 13.0716
YIQ	73.3890, 9.9910, 22.6870

# Conversions

## Conversions Part 2

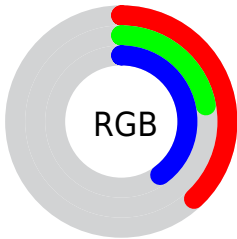
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 56, 101
Decimal	6371429
CIE <sub>Lab</sub>	30.18, 26.22, -19.04
CIE <sub>LCh</sub>	30, 32.408, 324.015
Yxy	6.3093, 0.3096, 0.2247
Android (android.graphics.Color)	4284561509 (0xFF613865)
YUV	73.3890, 13.6122, 20.7068
Hunter-Lab	25.1184, 17.8177, -13.2716

# Details

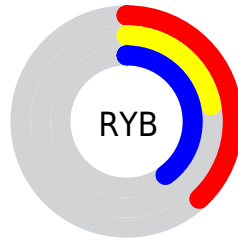
The Hex color **613865** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6538**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **956898**, and **310B36** is the 20% darker color. If you saturate the color by 10%, you get **602E65**, and if you desaturate by 10%, it is **624265**.

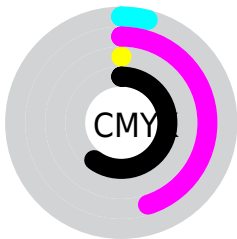
# Distribution



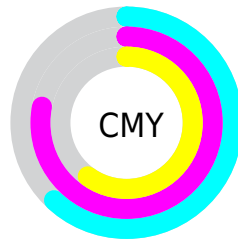
- Red (38%)
- Green (22%)
- Blue (40%)



- Red (38%)
- Yellow (22%)
- Blue (40%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (78%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613865 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 613865 by changing the saturation by 10% instead.



613865

613865

FFFFFF

48214D

956898

310B36

B082B3

1F0021

CB9CCF

000005

E8B7EB

000000

FFD3FF

FFEFFF

613865

613865

602E65

624265

■ 5F2465

■ 634C65

■ 5E1A65

■ 645665

■ 5D1065

■ 656065

■ 5D0565

■ 656B65

■ 5C0065

■ 667565

■ 677F65

■ 688965

■ 699365

# Harmonies

## Analogous

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



3F4275



613865



72314D

# Triad

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



613865



594412



00535B

# Complementary

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



613865



3C6538

# 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.



005341



613865



414C16

# Square

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



613865



6B3A1F



215128



00516F

# Rectangle

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



613865



76313C



215128



005352



# Sweetspot

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



613865



817182



383C65



413842



C2C2C2



424242



# Same Dimension

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



613865



7C3D82



653853



332E33



690073



DD00F2



# Inverse Universe

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



65383C



823D43



38654A



332E2E



73000A

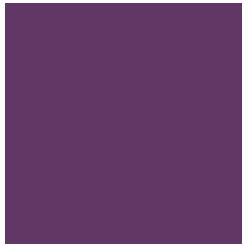


F20016



# Previews

## White Background



This preview shows how the Hex color 613865 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

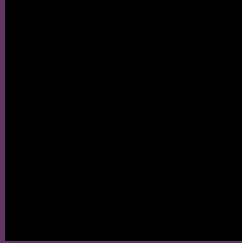
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613865 Background



This preview shows how black text looks on a background with the Hex color 613865.



This preview shows how white text looks on a background with the Hex color 613865.

# 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**  
5D3F44

# Trichromacy



**Original Color**  
613865

**Protanomaly**  
47416D

**Deuteranomaly**  
4B4263

**Tritanomaly**  
5E3C50

# Monochromacy



**Original Color**  
613865

**Achromatopsia**  
494949

**Achromatomaly**  
524353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613865 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 #613865 looks like.

```
.text, #text, p{  
    color:#613865  
}
```

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 #613865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613865
}
```

## Border

The CSS property to change the border of an element to Hex 613865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

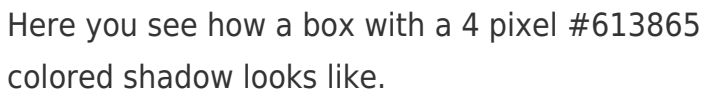
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613865 }
```

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

```
.border{ border-color:#613865 }
```

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



Here you see how a box with a 4 pixel #613865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613865; -webkit-box-shadow:4px 4px  
4px 4px #613865; box-shadow:4px 4px 4px  
4px #613865 }
```

# Background

The CSS property to change the background color of an element to Hex 613865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613865 }
```

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

```
.background{ background-color:#613865 }
```

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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