

# Converting Colors

Hex(613555)

Have a look what the booklet for  
Hex(613555) contains.

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# Color

**Hex(613555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613555
RGB	97, 53, 85
RGB Percent	38%, 21%, 33%
CMY	0.6196, 0.7922, 0.6667
CMYK	0.00, 0.45, 0.12, 0.62
HSL	316°, 29%, 29%
HSV	316°, 45%, 38%
XYZ	7.8426, 5.7435, 9.2896
YIQ	69.8040, 15.9520, 19.2800

# Conversions

## Conversions Part 2

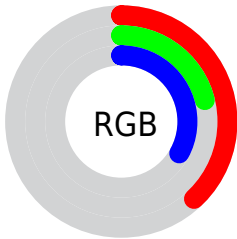
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 53, 85
Decimal	6370645
CIE <sub>Lab</sub>	28.76, 24.76, -10.88
CIE <sub>LCh</sub>	29, 27.048, 336.279
Yxy	5.7435, 0.3428, 0.2511
Android (android.graphics.Color)	4284560725 (0xFF613555)
YUV	69.8040, 7.4916, 23.8509
Hunter-Lab	23.9655, 16.4732, -6.2063

# Details

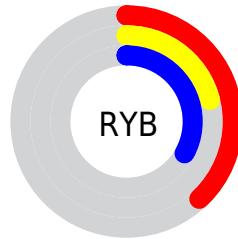
The Hex color **613555** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356141**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **956587**, and **310828** is the 20% darker color. If you saturate the color by 10%, you get **612B52**, and if you desaturate by 10%, it is **613F58**.

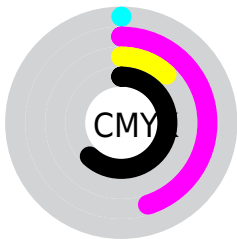
# Distribution



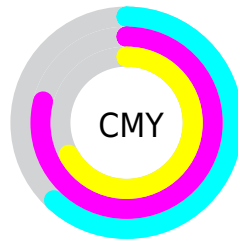
- Red (38%)
- Green (21%)
- Blue (33%)



- Red (38%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (62%)



- Cyan (62%)
- Magenta (79%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613555 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 613555 by changing the saturation by 10% instead.



613555

613555

FFFFFF

481E3E

956587

310828

B07EA1

1D0013

CB98BC

000000

E8B3D8

FFCFF4

FFECFF

613555

613555

612B52

613F58

612250

61485A

61184D

61525D

610E4A

615C60

610548

616662

610047

616F65

617968

61836A

618C6D

# Harmonies

## Analogous

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



4B3D66



613555



6B3240

# Triad

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



613555



4C4419



004E5C

# Complementary

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



613555



356141

# 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.



004E48



613555



364A21

# Square

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



613555



5D3D1D



184D32



004A6A

# Rectangle

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



613555



6A3432



184D32



004E56



# Sweetspot

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



613555



7D6B78



413561



40353D



BFBFBF



404040



# Same Dimension

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



613555



7D396B



61353F



302C2F



700052



F000AE



# Inverse Universe

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



613555



7D396B



356157



302C2F



700052

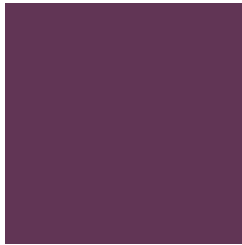


F000AE



# Previews

## White Background



This preview shows how the Hex color 613555 looks on a white background.

## Color Contrast Check

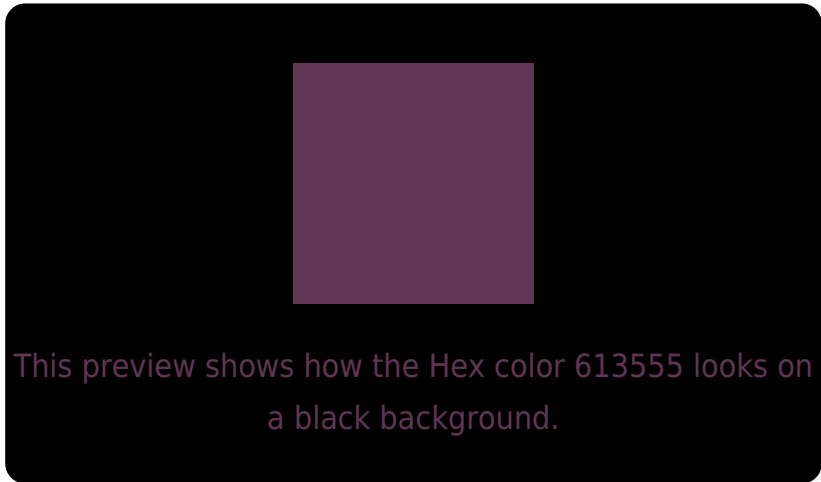
Large Text (above 18pt) WCAG AA ✓ Pass

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

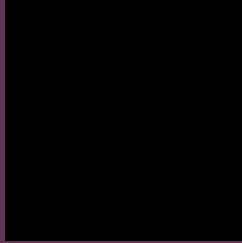
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613555 Background



This preview shows how black text looks on a background with the Hex color 613555.



This preview shows how white text looks on a background with the Hex color 613555.

# 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



**Original Color**  
613555

**Protanopia**  
3C4360

**Deuteranopia**  
444353



**Tritanopia**  
5E3A3E

# Trichromacy



**Original Color**  
613555

**Protanomaly**  
493E5C

**Deuteranomaly**  
4F3E54

**Tritanomaly**  
5F3846

# Monochromacy



**Original Color**  
613555

**Achromatopsia**  
464646

**Achromatomaly**  
50404B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613555 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 #613555 looks like.

```
.text, #text, p{  
  color:#613555  
}
```

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 #613555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613555
}
```

## Border

The CSS property to change the border of an element to Hex 613555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

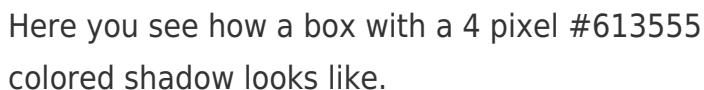
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613555 }
```

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

```
.border{ border-color:#613555 }
```

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



Here you see how a box with a 4 pixel #613555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613555; -webkit-box-shadow:4px 4px  
4px 4px #613555; box-shadow:4px 4px 4px  
4px #613555 }
```

# Background

The CSS property to change the background color of an element to Hex 613555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613555 }
```

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

```
.background{ background-color:#613555 }
```

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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