

# Converting Colors

Hex(613544)

Have a look what the booklet for  
Hex(613544) contains.

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**Color**

**Hex(613544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613544
RGB	97, 53, 68
RGB Percent	38%, 21%, 27%
CMY	0.6196, 0.7922, 0.7333
CMYK	0.00, 0.45, 0.30, 0.62
HSL	340°, 29%, 29%
HSV	340°, 45%, 38%
XYZ	7.2463, 5.5049, 6.1495
YIQ	67.8660, 21.4090, 13.9930

# Conversions

## Conversions Part 2

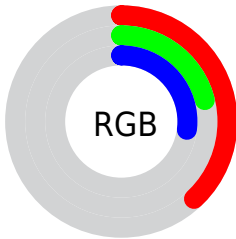
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 53, 68
Decimal	6370628
CIE Lab	28.13, 21.81, -0.65
CIE LCh	28, 21.818, 358.286
Yxy	5.5049, 0.3834, 0.2913
Android (android.graphics.Color)	4284560708 (0xFF613544)
YUV	67.8660, 0.0661, 25.5505
Hunter-Lab	23.4626, 14.0688, 0.8841

# Details

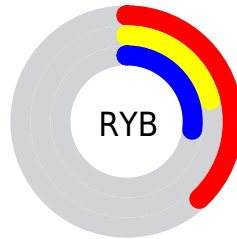
The Hex color **613544** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356152**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **956574**, and **300919** is the 20% darker color. If you saturate the color by 10%, you get **612B3E**, and if you desaturate by 10%, it is **613F4A**.

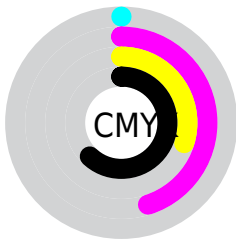
# Distribution



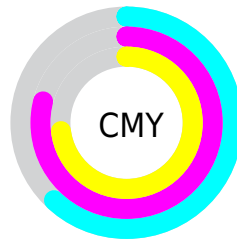
- Red (38%)
- Green (21%)
- Blue (27%)



- Red (38%)
- Yellow (21%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (62%)



- Cyan (62%)
- Magenta (79%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613544 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 613544 by changing the saturation by 10% instead.



613544

613544

FFFFFF

481F2E

956574

300919

B07E8E

1B0001

CC98A8

000000

E8B3C3

FFCFDF

FFEBFC

613544

613544

612B3E

613F4A

■ 612237

■ 614851

■ 611831

■ 615257

■ 610E2A

■ 615C5E

■ 610524

■ 616664

■ 610021

■ 616F6A

■ 617971

■ 618377

■ 618C7E

# Harmonies

## Analogous

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



563854



613544



623633

# Triad

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



613544



3D4624



00495E

# Complementary

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



613544



356152

# 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.



004B52



613544



284930

# Square

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



613544



4E4120



0D4B41



264464

# Rectangle

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



613544



5E392A



0D4B41



004A5B



# Sweetspot

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



613544



7D6B71



523561



403539



BFBFBF



404040



# Same Dimension

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



613544



7D3950



613C35



302C2D



700026



F00052



# Inverse Universe

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



613544



7D3950



355A61



302C2D



700026

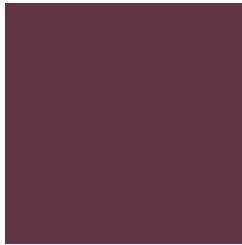


F00052



# Previews

## White Background



This preview shows how the Hex color 613544 looks on a white background.

## Color Contrast Check

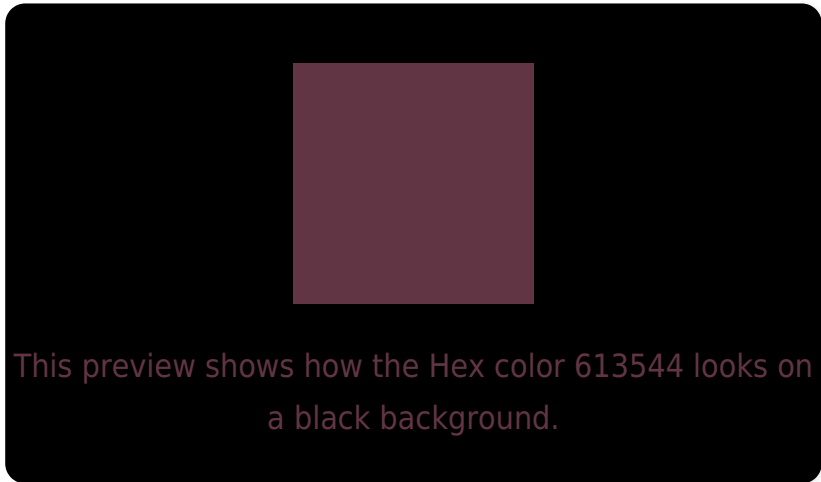
Large Text (above 18pt) WCAG AA ✓ Pass

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

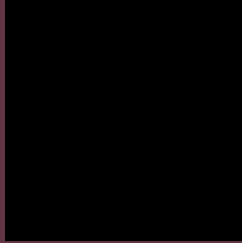
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613544 Background



This preview shows how black text looks on a background with the Hex color 613544.



This preview shows how white text looks on a background with the Hex color 613544.

# 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**  
613544

**Protanopia**  
41424C

**Deuteranopia**  
4A4142



**Tritanopia**  
60373B

# Trichromacy



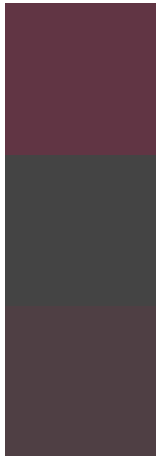
**Original Color**  
613544

**Protanomaly**  
4D3D49

**Deuteranomaly**  
523D43

**Tritanomaly**  
60363E

# Monochromacy



**Original Color**  
613544

**Achromatopsia**  
444444

**Achromatomaly**  
4F3F44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613544 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 #613544 looks like.

```
.text, #text, p{  
    color:#613544  
}
```

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 #613544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613544
}
```

## Border

The CSS property to change the border of an element to Hex 613544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

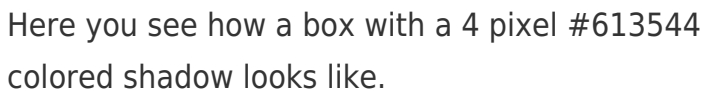
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613544 }
```

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

```
.border{ border-color:#613544 }
```

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



Here you see how a box with a 4 pixel #613544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613544; -webkit-box-shadow:4px 4px  
4px 4px #613544; box-shadow:4px 4px 4px  
4px #613544 }
```

# Background

The CSS property to change the background color of an element to Hex 613544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613544 }
```

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

```
.background{ background-color:#613544 }
```

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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