

# Converting Colors

Hex(612C3E)

Have a look what the booklet for  
Hex(612C3E) contains.

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# Color

**Hex(612C3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612C3E
RGB	97, 44, 62
RGB Percent	38%, 17%, 24%
CMY	0.6196, 0.8275, 0.7569
CMYK	0.00, 0.55, 0.36, 0.62
HSL	340°, 38%, 28%
HSV	340°, 55%, 38%
XYZ	6.6999, 4.6906, 5.1097
YIQ	61.8990, 25.8100, 16.8340

# Conversions

## Conversions Part 2

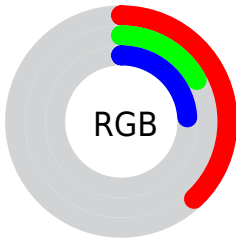
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 44, 62
Decimal	6368318
CIELab	25.83, 26.22, -0.01
CIELCh	26, 26.225, 359.975
Yxy	4.6906, 0.4061, 0.2843
Android (android.graphics.Color)	4284558398 (0xFF612C3E)
YUV	61.8990, 0.0498, 30.7836
Hunter-Lab	21.6577, 17.3192, 1.1722

# Details

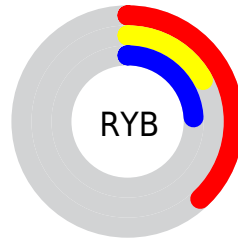
The Hex color **612C3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C614F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **965C6D**, and **300014** is the 20% darker color. If you saturate the color by 10%, you get **612238**, and if you desaturate by 10%, it is **613644**.

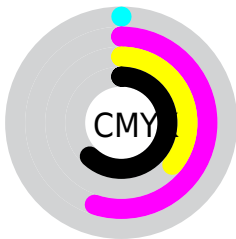
# Distribution



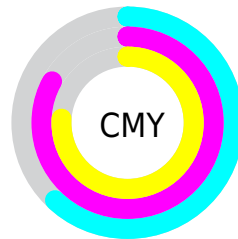
- Red (38%)
- Green (17%)
- Blue (24%)



- Red (38%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (62%)



- Cyan (62%)
- Magenta (83%)
- Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 612C3E 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 612C3E by changing the saturation by 10% instead.



 612C3E

 612C3E

FFFFFF

 481528

 965C6D

 300014

 B17587

 130000

 CD8FA1


 000000


 EAA9BC

 FFC5D8

 FFE1F4

FFFEFF

 612C3E

 612C3E

■ 612238

■ 613644

■ 611931

■ 613F4B

■ 610F2B

■ 614951

■ 610524

■ 615358

■ 610021

■ 615D5E

■ 616664

■ 61706B

■ 617A71

■ 618378

# Harmonies

## Analogous

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



563051



612C3E



612E2A

# Triad

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



612C3E



344219



00445F

# Complementary

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



612C3E



2C614F

# 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.



004750



612C3E



1A4528

# Square

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



612C3E



493C14



00473D



163F65

# Rectangle

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



612C3E



5C321F



00473D



00455B



# Sweetspot

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



612C3E



7D6970



4E2C61



403438



BFBFBF



404040



# Same Dimension

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



612C3E



7D2A46



61342C



302C2D



700026



F00051



# Inverse Universe

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



612C3E



7D2A46



2C5961



302C2D



700026

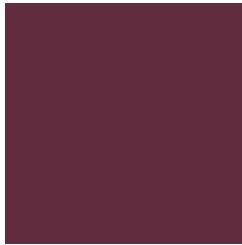


F00051



# Previews

## White Background



This preview shows how the Hex color 612C3E 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

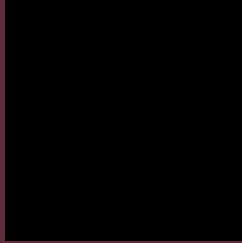
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612C3E Background



This preview shows how black text looks on a background with the Hex color 612C3E.



This preview shows how white text looks on a background with the Hex color 612C3E.

# 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**  
612C3E

**Protanopia**  
3C3D49

**Deuteranopia**  
453C3B



**Tritanopia**  
602E32

# Trichromacy



**Original Color**  
612C3E

**Protanomaly**  
493745

**Deuteranomaly**  
4F363C

**Tritanomaly**  
602D36

# Monochromacy



**Original Color**  
612C3E

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4B373E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612C3E 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 #612C3E looks like.

```
.text, #text, p{  
    color:#612C3E  
}
```

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 #612C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612C3E
}
```

## Border

The CSS property to change the border of an element to Hex 612C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

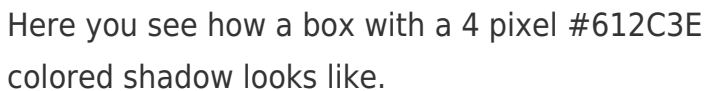
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612C3E }
```

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

```
.border{ border-color:#612C3E }
```

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



Here you see how a box with a 4 pixel #612C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612C3E; -webkit-box-shadow:4px 4px  
4px 4px #612C3E; box-shadow:4px 4px 4px  
4px #612C3E }
```

# Background

The CSS property to change the background color of an element to Hex 612C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612C3E }
```

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

```
.background{ background-color:#612C3E }
```

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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