

# Converting Colors

Hex(612F42)

Have a look what the booklet for  
Hex(612F42) contains.

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# Color

**Hex(612F42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612F42
RGB	97, 47, 66
RGB Percent	38%, 18%, 26%
CMY	0.6196, 0.8157, 0.7412
CMYK	0.00, 0.52, 0.32, 0.62
HSL	337°, 35%, 28%
HSV	337°, 52%, 38%
XYZ	6.9296, 4.9678, 5.7479
YIQ	64.1160, 23.7010, 16.5090

# Conversions

## Conversions Part 2

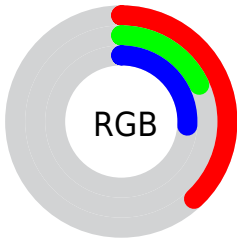
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">97, 47, 66</a>
Decimal	<a href="#">6369090</a>
CIELab	<a href="#">26.64, 25.07, -1.50</a>
CIELCh	<a href="#">27, 25.119, 356.567</a>
Yxy	<a href="#">4.9678, 0.3927, 0.2815</a>
Android (android.graphics.Color)	<a href="#">4284559170</a> ( <a href="#">0xFF612F42</a> )
YUV	<a href="#">64.1160, 0.9288, 28.8393</a>
Hunter-Lab	<a href="#">22.2885, 16.4921, 0.3119</a>

# Details

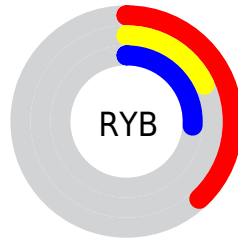
The Hex color **612F42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F614E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **955F72**, and **300218** is the 20% darker color. If you saturate the color by 10%, you get **61253C**, and if you desaturate by 10%, it is **613948**.

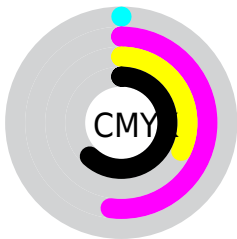
# Distribution



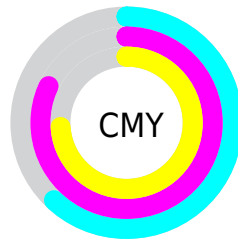
- Red (38%)
- Green (18%)
- Blue (26%)



- Red (38%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 612F42 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 612F42 by changing the saturation by 10% instead.



 612F42

 612F42

FFFFFF

 48182C

 955F72

 300218

 B1788B

 170000


 CD92A6

 000000

 E9ADC1

 FFC8DD

 FFE4F9

 612F42

 612F42

 61253C

 613948

611C36

61424E

611230

614C54

61082A

61565A

610025

616060

616966

61736C

617D72

618678

# Harmonies

## Analogous

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



553354



612F42



63302F

# Triad

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



612F42



39431B



00465F

# Complementary

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



612F42



2F614E

# 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.



004850



612F42



224729

# Square

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



612F42



4C3D18



00493C



164265

# Rectangle

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



612F42



5E3424



00493C



00475A



# Sweetspot

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



612F42



7D6A71



4E2F61



403439



BFBFBF



404040



# Same Dimension

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



612F42



7D2F4D



61352F



302C2D



70002B



F0005B



# Inverse Universe

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



612F42



7D2F4D



2F5B61



302C2D



70002B

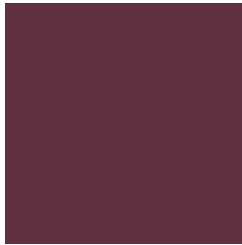


F0005B



# Previews

## White Background



This preview shows how the Hex color 612F42 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

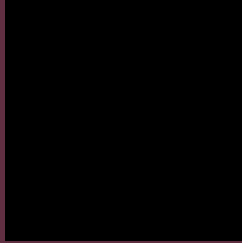
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612F42 Background



This preview shows how black text looks on a background with the Hex color 612F42.



This preview shows how white text looks on a background with the Hex color 612F42.

# 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**  
612F42

**Protanopia**  
3D3F4C

**Deuteranopia**  
463E40



**Tritanopia**  
603135

# Trichromacy



**Original Color**  
612F42

**Protanomaly**  
4A3948

**Deuteranomaly**  
503941

**Tritanomaly**  
60303A

# Monochromacy



**Original Color**  
612F42

**Achromatopsia**  
404040

**Achromatomaly**  
4C3A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612F42 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 #612F42 looks like.

```
.text, #text, p{  
    color:#612F42  
}
```

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 #612F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612F42
}
```

## Border

The CSS property to change the border of an element to Hex 612F42 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".

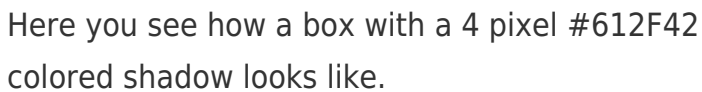
```
.border, #border, table{ border:4px solid
#612F42 }
```

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

```
.border{ border-color:#612F42 }
```

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

Here you see how a box with a 4 pixel #612F42 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612F42; -webkit-box-shadow:4px 4px  
4px 4px #612F42; box-shadow:4px 4px 4px  
4px #612F42 }
```

# Background

The CSS property to change the background color of an element to Hex 612F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612F42 }
```

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

```
.background{ background-color:#612F42 }
```

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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