

# Converting Colors

Hex(612F60)

Have a look what the booklet for  
Hex(612F60) contains.

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# Color

**Hex(612F60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612F60
RGB	97, 47, 96
RGB Percent	38%, 18%, 38%
CMY	0.6196, 0.8157, 0.6235
CMYK	0.00, 0.52, 0.01, 0.62
HSL	301°, 35%, 28%
HSV	301°, 52%, 38%
XYZ	8.0576, 5.4189, 11.6876
YIQ	67.5360, 14.0710, 25.8390

# Conversions

## Conversions Part 2

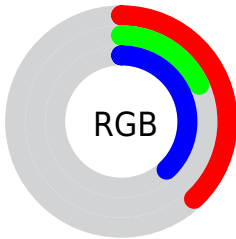
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 47, 96
Decimal	6369120
CIELab	27.90, 30.44, -19.37
CIELCh	28, 36.077, 327.533
Yxy	5.4189, 0.3202, 0.2153
Android (android.graphics.Color)	4284559200 (0xFF612F60)
YUV	67.5360, 14.0328, 25.8399
Hunter-Lab	23.2786, 21.0479, -13.4730

# Details

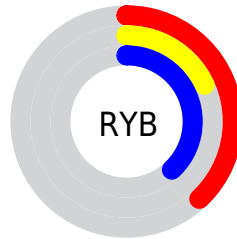
The Hex color **612F60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F6130**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **955F93**, and **300031** is the 20% darker color. If you saturate the color by 10%, you get **612560**, and if you desaturate by 10%, it is **613960**.

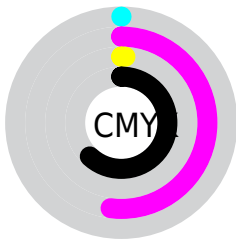
# Distribution



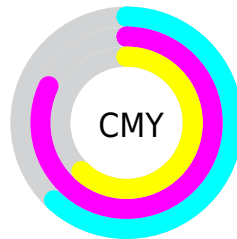
- Red (38%)
- Green (18%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (52%)
- Yellow (1%)
- Black (62%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 612F60 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 612F60 by changing the saturation by 10% instead.



 612F60

 612F60

FFFFFF

 481848

 955F93

 300031

 B079AD

 1C001D


 CC93C9

 000000

 E9AEE5

 FFC9FF

 FFE6FF

 612F60

 612F60

 612560

 613960

611C60

614260

61125F

614C61

61085F

615661

61005F

616061

616961

617361

617D62

618662

# Harmonies

## Analogous

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



3D3B73



612F60



722745

# Triad

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



612F60



524003



004F5B

# Complementary

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



612F60



2F6130

# 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.



004F3F



612F60



37480A

# Square

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



612F60



663512



0B4C22



004C70

# Rectangle

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



612F60



742833



0B4C22



004F52



# Sweetspot

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



612F60



7D6A7D



302F61



403440



BFBFBF



404040



# Same Dimension

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



612F60



7D2F7B



612F47



302C30



70006E



F000EB



# Inverse Universe

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



612F60



7D2F7B



2F6149



302C30



70006E

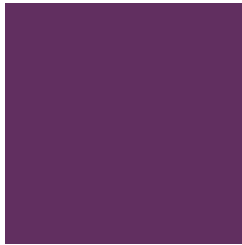


F000EB



# Previews

## White Background



This preview shows how the Hex color 612F60 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

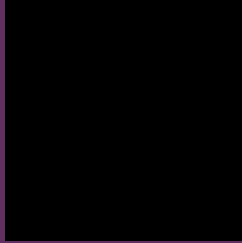
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612F60 Background



This preview shows how black text looks on a background with the Hex color 612F60.



This preview shows how white text looks on a background with the Hex color 612F60.

# 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**  
612F60

**Protanopia**  
2F416F

**Deuteranopia**  
3A425D



**Tritanopia**  
5D383C

# Trichromacy



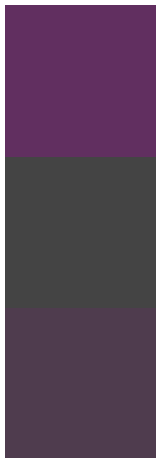
**Original Color**  
612F60

**Protanomaly**  
413A6A

**Deuteranomaly**  
483B5E

**Tritanomaly**  
5E3549

# Monochromacy



**Original Color**  
612F60

**Achromatopsia**  
444444

**Achromatomaly**  
4F3C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612F60 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 #612F60 looks like.

```
.text, #text, p{  
    color:#612F60  
}
```

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 #612F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612F60
}
```

## Border

The CSS property to change the border of an element to Hex 612F60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

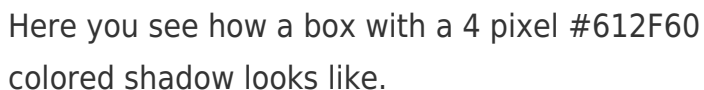
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612F60 }
```

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

```
.border{ border-color:#612F60 }
```

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



Here you see how a box with a 4 pixel #612F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612F60; -webkit-box-shadow:4px 4px  
4px 4px #612F60; box-shadow:4px 4px 4px  
4px #612F60 }
```

# Background

The CSS property to change the background color of an element to Hex 612F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612F60 }
```

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

```
.background{ background-color:#612F60 }
```

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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