

Converting Colors

Hex(612746)

Have a look what the booklet for
Hex(612746) contains.

Hex(612746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(612746)

Conversions

Conversions Part 1

Format	Color
Hex	612746
RGB	97, 39, 70
RGB Percent	38%, 15%, 27%
CMY	0.6196, 0.8471, 0.7255
CMYK	0.00, 0.60, 0.28, 0.62
HSL	328°, 43%, 27%
HSV	328°, 60%, 38%
XYZ	6.7608, 4.4346, 6.2940
YIQ	59.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

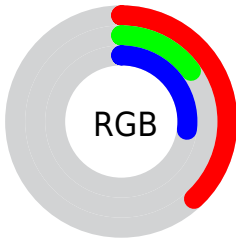
Format	Color
RYB	97, 39, 70
Decimal	6367046
CIELab	25.06, 30.19, -6.54
CIElCh	25, 30.889, 347.778
Yxy	4.4346, 0.3866, 0.2536
Android (android.graphics.Color)	4284557126 (0xFF612746)
YUV	59.8760, 4.9911, 32.5577
Hunter-Lab	21.0585, 20.4544, -2.9796

Details

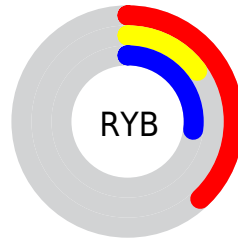
The Hex color **612746** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **276142**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **965776**, and **30001B** is the 20% darker color. If you saturate the color by 10%, you get **611D41**, and if you desaturate by 10%, it is **61314B**.

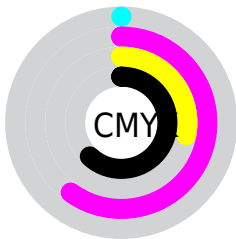
Distribution



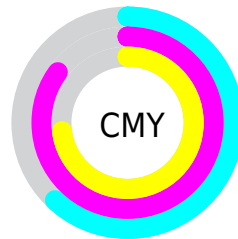
- Red (38%)
- Green (15%)
- Blue (27%)



- Red (38%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612746 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 612746 by changing the saturation by 10% instead.

 612746

 612746

FFFFFF

 480F30

 965776

 30001B

 B17090

 140000

 CD8AAA

 000000

 EAA5C6

 FFC0E2

 FFDCFE

 FFF9FF

 612746

 612746

611D41

61314B

61143D

613A4F

610A38

614454

610034

614E58

61585D

616161

616B66

61756A

617E6F

Harmonies

Analogous

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



4E2F5B



612746



66262F

Triad

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



612746



3A3E0A



00455E

Complementary

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



612746



276142

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.



004749



612746



1F431A

Square

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



612746



50370B



004631



004169

Rectangle

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



612746



632B20



004631



004657

Sweetspot

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



612746



7D6672



412761



403239



BFBFBF



404040

Same Dimension

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



612746



7D2353



61272A



302C2E



70003C



F00080

Inverse Universe

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



612746



7D2353



27615E



302C2E



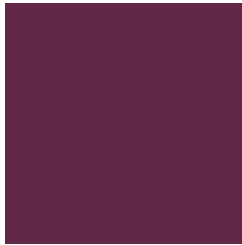
70003C



F00080

Previews

White Background



This preview shows how the Hex color 612746 looks on a white background.

Color Contrast Check

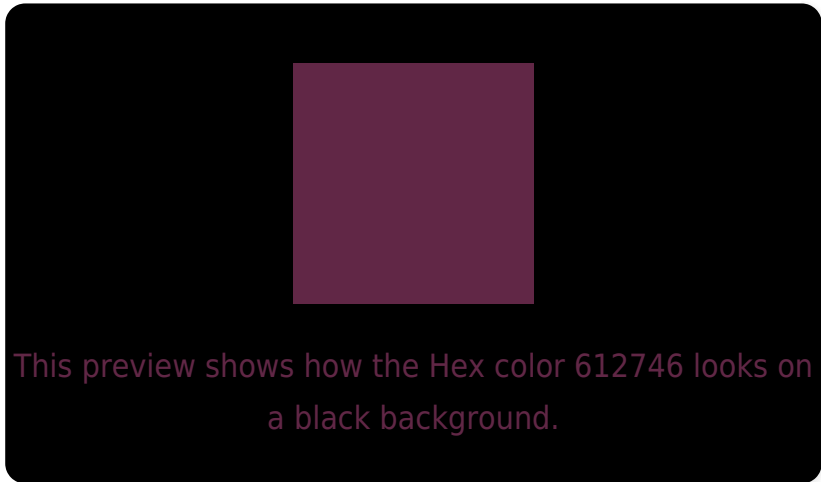
Large Text (above 18pt) WCAG AA ✓ Pass

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

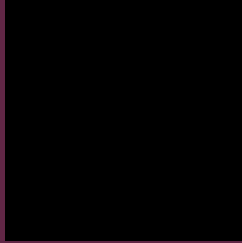
Any Text WCAG AA × Fail

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 612746 Background



This preview shows how black text looks on a background with the Hex color 612746.



This preview shows how white text looks on a background with the Hex color 612746.

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
612746

Protanopia
353C54

Deuteranopia
3F3B43

Trichromacy



Original Color
612746

Protanomaly
45344F

Deuteranomaly
4B3444

Tritanomaly
602A37

Monochromacy



Original Color
612746

Achromatopsia
3C3C3C

Achromatomaly
493440

CSS Examples

Text

The CSS property to change the color of the text to Hex 612746 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 #612746 looks like.

```
.text, #text, p{  
    color:#612746  
}
```

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 #612746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612746
}
```

Border

The CSS property to change the border of an element to Hex 612746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

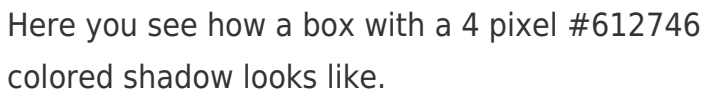
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612746 }
```

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

```
.border{ border-color:#612746 }
```

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



Here you see how a box with a 4 pixel #612746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612746; -webkit-box-shadow:4px 4px  
4px 4px #612746; box-shadow:4px 4px 4px  
4px #612746 }
```

Background

The CSS property to change the background color of an element to Hex 612746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612746 }
```

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

```
.background{ background-color:#612746 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor