

Converting Colors

Hex(612727)

Have a look what the booklet for
Hex(612727) contains.

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Color

Hex(612727)

Conversions

Conversions Part 1

Format	Color
Hex	612727
RGB	97, 39, 39
RGB Percent	38%, 15%, 15%
CMY	0.6196, 0.8471, 0.8471
CMYK	0.00, 0.60, 0.60, 0.62
HSL	0°, 43%, 27%
HSV	0°, 60%, 38%
XYZ	6.0215, 4.1389, 2.4010
YIQ	56.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

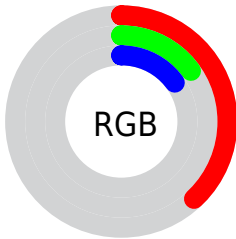
Format	Color
RYB	97, 39, 39
Decimal	6367015
CIELab	24.13, 26.37, 13.10
CIElCh	24, 29.443, 26.414
Yxy	4.1389, 0.4794, 0.3295
Android (android.graphics.Color)	4284557095 (0xFF612727)
YUV	56.3420, -8.5496, 35.6571
Hunter-Lab	20.3443, 17.2298, 7.2438

Details

The Hex color **612727** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **276161**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **975654**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **611D1D**, and if you desaturate by 10%, it is **613131**.

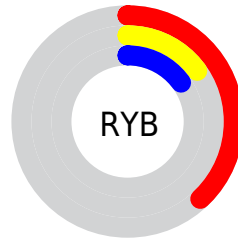
Distribution



Red (38%)

Green (15%)

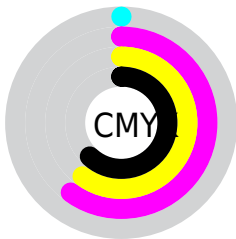
Blue (15%)



Red (38%)

Yellow (15%)

Blue (15%)

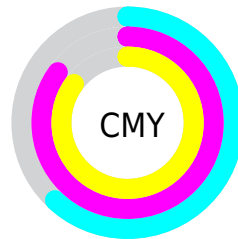


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (62%)



Cyan (62%)


Magenta (85%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612727 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 612727 by changing the saturation by 10% instead.

 612727

 612727

FFFFFF

 471013

 975654

 2F0000

 B36F6C

 030000

 CF8985


 000000


 ECA49F

 FFBFBA

 FFDBD6

 FFF8F3

 612727

 612727

■ 611D1D

■ 613131

■ 611414

■ 613A3A

■ 610A0A

■ 614444

■ 610000

■ 614E4E

■ 615858

■ 616161

■ 616B6B

■ 617575

■ 617E7E

Harmonies

Analogous

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



60253D



612727



582F14

Triad

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



612727



144220



003D65

Complementary

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



612727



276161

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.



00425E



612727



004436

Square

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



612727



323E0E



00444C



353561

Rectangle

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



612727



4E350C



00444C



003F64

Sweetspot

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



612727



7D6666



612761



403232



BFBFBF



404040

Same Dimension

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



612727



7D2323



614427



302C2C



700000



F00000

Inverse Universe

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



276161



237D7D



274461



2C3030



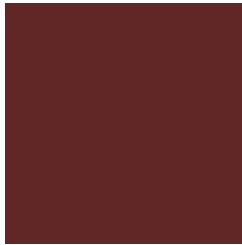
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 612727 looks on a white background.

Color Contrast Check

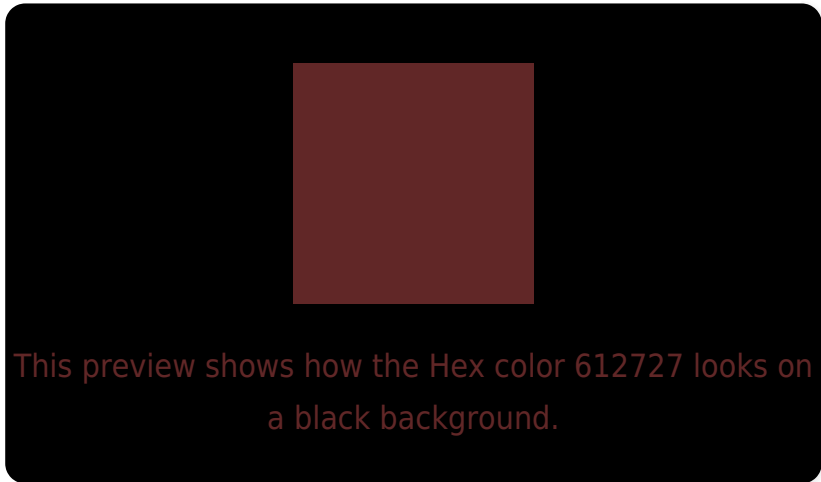
Large Text (above 18pt) WCAG AA ✓ Pass

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

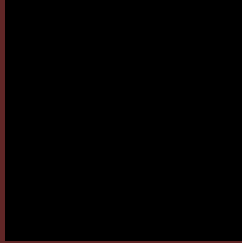
Any Text WCAG AA × Fail

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 612727 Background



This preview shows how black text looks on a background with the Hex color 612727.

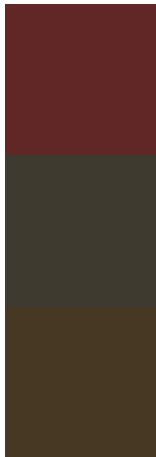


This preview shows how white text looks on a background with the Hex color 612727.

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
612727

Protanopia
3E3A2F

Deuteranopia
473824



Tritanopia
612729

Trichromacy



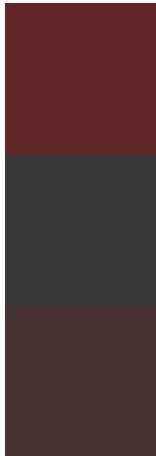
Original Color
612727

Protanomaly
4B332C

Deuteranomaly
503225

Tritanomaly
612728

Monochromacy



Original Color
612727

Achromatopsia
383838

Achromatomaly
473232

CSS Examples

Text

The CSS property to change the color of the text to Hex 612727 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 #612727 looks like.

```
.text, #text, p{  
    color:#612727  
}
```

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 #612727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612727
}
```

Border

The CSS property to change the border of an element to Hex 612727 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".

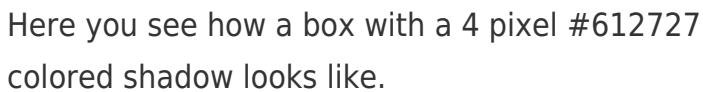
```
.border, #border, table{ border:4px solid
#612727 }
```

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

```
.border{ border-color:#612727 }
```

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

Here you see how a box with a 4 pixel #612727 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 #612727; -webkit-box-shadow:4px 4px  
4px 4px #612727; box-shadow:4px 4px 4px  
4px #612727 }
```

Background

The CSS property to change the background color of an element to Hex 612727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612727 }
```

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

```
.background{ background-color:#612727 }
```

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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