

Converting Colors

Hex(612C62)

Have a look what the booklet for
Hex(612C62) contains.

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Color

Hex(612C62)

Conversions

Conversions Part 1

Format	Color
Hex	612C62
RGB	97, 44, 98
RGB Percent	38%, 17%, 38%
CMY	0.6196, 0.8275, 0.6157
CMYK	0.01, 0.55, 0.00, 0.62
HSL	299°, 38%, 28%
HSV	299°, 55%, 38%
XYZ	8.0351, 5.2246, 12.1402
YIQ	66.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

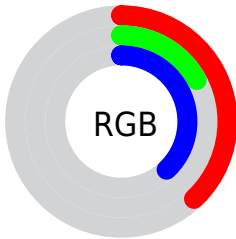
Format	Color
RYB	97, 44, 98
Decimal	6368354
CIELab	27.37, 32.52, -21.49
CIELCh	27, 38.984, 326.540
Yxy	5.2246, 0.3163, 0.2057
Android (android.graphics.Color)	4284558434 (0xFF612C62)
YUV	66.0030, 15.7745, 27.1844
Hunter-Lab	22.8574, 22.7477, -15.4905

Details

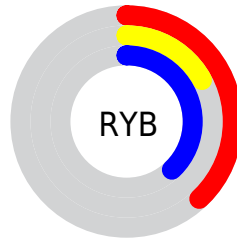
The Hex color **612C62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D622C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **955C95**, and **300033** is the 20% darker color. If you saturate the color by 10%, you get **612262**, and if you desaturate by 10%, it is **613662**.

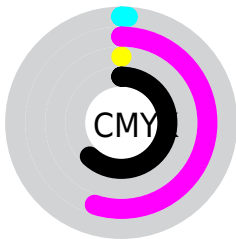
Distribution



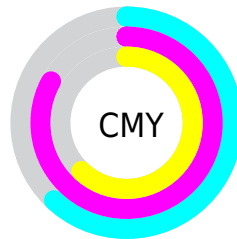
- Red (38%)
- Green (17%)
- Blue (38%)



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



- Cyan (1%)
- Magenta (55%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 612C62 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 612C62 by changing the saturation by 10% instead.

612C62

612C62

FFFFFF

48144A

955C95

300033

B076B0

1B001E

CC90CB

000000

E9ABE7

FFC6FF

FFE3FF

612C62

612C62

612262

613662

611862

614062

600F62

624962

600562

625362

600062

625D62

626762

627162

627A62

638462

Harmonies

Analogous

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



393A76



612C62



732245

Triad

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



612C62



523E00



004E5B

Complementary

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



612C62



2D622C

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.



004E3C



612C62



354702

Square

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



612C62



68320D



004C1E



004C72

Rectangle

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



612C62



762231



004C1E



004E51

Sweetspot

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



612C62



7F6A80



2C2E62



403340



BFBFBF



404040

Same Dimension

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



612C62



7E2B80



622C49



302C30



6E0070



EB00F0

Inverse Universe

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



622C2D



802B2D



2C6245



302C2C



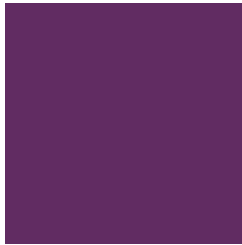
700002



F00004

Previews

White Background



This preview shows how the Hex color 612C62 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

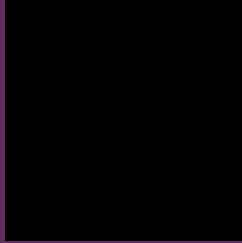
Any Text WCAG AA × Fail

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 612C62 Background



This preview shows how black text looks on a background with the Hex color 612C62.

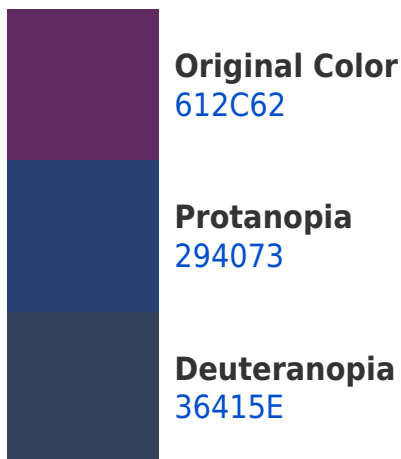



This preview shows how white text looks on a background with the Hex color 612C62.

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





Tritanopia
5C363A

Trichromacy



Original Color
612C62

Protanomaly
3D396D

Deuteranomaly
46395F

Tritanomaly
5E3249

Monochromacy



Original Color
612C62

Achromatopsia
424242

Achromatomaly
4D3A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 612C62 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 #612C62 looks like.

```
.text, #text, p{  
    color:#612C62  
}
```

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 #612C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612C62
}
```

Border

The CSS property to change the border of an element to Hex 612C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

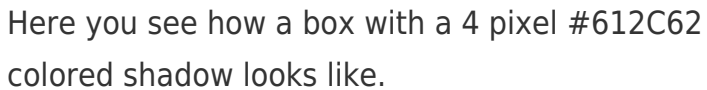
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612C62 }
```

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

```
.border{ border-color:#612C62 }
```

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



Here you see how a box with a 4 pixel #612C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612C62; -webkit-box-shadow:4px 4px  
4px 4px #612C62; box-shadow:4px 4px 4px  
4px #612C62 }
```

Background

The CSS property to change the background color of an element to Hex 612C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612C62 }
```

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

```
.background{ background-color:#612C62 }
```

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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