

Converting Colors

Hex(612158)

Have a look what the booklet for
Hex(612158) contains.

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Color

Hex(612158)

Conversions

Conversions Part 1

Format	Color
Hex	612158
RGB	97, 33, 88
RGB Percent	38%, 13%, 35%
CMY	0.6196, 0.8706, 0.6549
CMYK	0.00, 0.66, 0.09, 0.62
HSL	308°, 49%, 25%
HSV	308°, 66%, 38%
XYZ	7.2351, 4.3337, 9.6877
YIQ	58.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

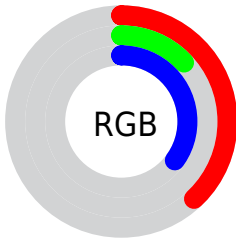
Format	Color
RYB	97, 33, 88
Decimal	6365528
CIELab	24.75, 36.28, -19.04
CIELCh	25, 40.968, 332.313
Yxy	4.3337, 0.3404, 0.2039
Android (android.graphics.Color)	4284555608 (0xFF612158)
YUV	58.4060, 14.5898, 33.8469
Hunter-Lab	20.8175, 25.6067, -13.0191

Details

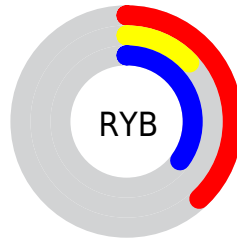
The Hex color **612158** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **21612A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **96528A**, and **30002A** is the 20% darker color. If you saturate the color by 10%, you get **611757**, and if you desaturate by 10%, it is **612B59**.

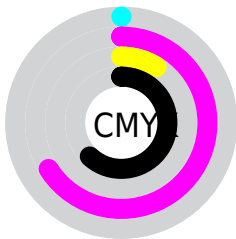
Distribution



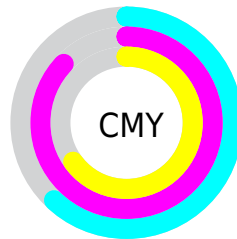
- Red (38%)
- Green (13%)
- Blue (35%)



- Red (38%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (9%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612158 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 612158 by changing the saturation by 10% instead.

612158

612158

FFFFFF

480540

96528A

30002A

B16CA5

150015

CD86C0

000000

EAA0DC

FFBCF8

FFD8FF

FFF5FF

612158

612158

■ 611757

■ 612B59

■ 610E55

■ 61345B

■ 610454

■ 613E5C

■ 610053

■ 61485D

■ 61525F

■ 615B60

■ 616562

■ 616F63

■ 617864

Harmonies

Analogous

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



3C316F



612158



70163A

Triad

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



612158



473A00



00485B

Complementary

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



612158



21612A

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.



00483C



612158



274200

Square

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



612158



5E2E00



00461C



004572

Rectangle

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



612158



701A25



00461C



004851

Sweetspot

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



612158



7D6479



2A2161



40303E



BFBFBF



404040

Same Dimension

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



612158



7D1A6F



612138



302C30



700060



F000CE

Inverse Universe

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



612158



7D1A6F



21614A



302C30



700060



F000CE

Previews

White Background



This preview shows how the Hex color 612158 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

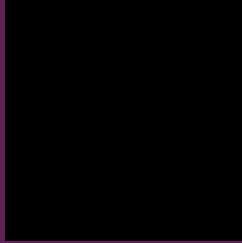
Any Text WCAG AA × Fail

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 612158 Background



This preview shows how black text looks on a background with the Hex color 612158.



This preview shows how white text looks on a background with the Hex color 612158.

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
612158

Protanopia
223A6E

Deuteranopia
333B54



Tritanopia
5D2D30

Trichromacy



Original Color
612158

Protanomaly
393166

Deuteranomaly
443255

Tritanomaly
5E293F

Monochromacy



Original Color
612158

Achromatopsia
3A3A3A

Achromatomaly
483145

CSS Examples

Text

The CSS property to change the color of the text to Hex 612158 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 #612158 looks like.

```
.text, #text, p{  
    color:#612158  
}
```

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 #612158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612158
}
```

Border

The CSS property to change the border of an element to Hex 612158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

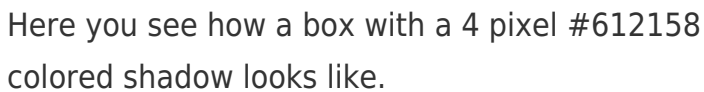
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612158 }
```

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

```
.border{ border-color:#612158 }
```

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



Here you see how a box with a 4 pixel #612158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612158; -webkit-box-shadow:4px 4px  
4px 4px #612158; box-shadow:4px 4px 4px  
4px #612158 }
```

Background

The CSS property to change the background color of an element to Hex 612158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612158 }
```

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

```
.background{ background-color:#612158 }
```

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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