

Converting Colors

Hex(612C75)

Have a look what the booklet for
Hex(612C75) contains.

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Color

Hex(612C75)

Conversions

Conversions Part 1

Format	Color
Hex	612C75
RGB	97, 44, 117
RGB Percent	38%, 17%, 46%
CMY	0.6196, 0.8275, 0.5412
CMYK	0.17, 0.62, 0.00, 0.54
HSL	284°, 45%, 32%
HSV	284°, 62%, 46%
XYZ	9.0413, 5.6271, 17.4392
YIQ	68.1690, 8.1550, 33.9390

Conversions

Conversions Part 2

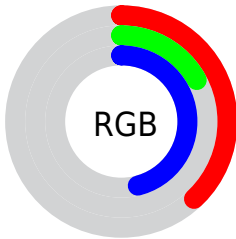
Format	Color
R_YB	97, 44, 117
Decimal	6368373
CIE Lab	28.45, 36.64, -31.97
CIE LCh	28, 48.632, 318.894
Yxy	5.6271, 0.2816, 0.1753
Android (android.graphics.Color)	4284558453 (0xFF612C75)
YUV	68.1690, 24.0737, 25.2848
Hunter-Lab	23.7215, 26.5217, -26.9829

Details

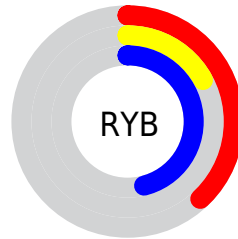
The Hex color **612C75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40752C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **965DAA**, and **2F0044** is the 20% darker color. If you saturate the color by 10%, you get **5E2075**, and if you desaturate by 10%, it is **643875**.

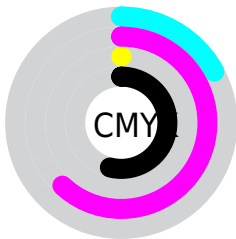
Distribution



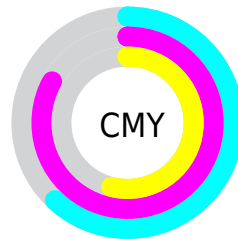
- Red (38%)
- Green (17%)
- Blue (46%)



- Red (38%)
- Yellow (17%)
- Blue (46%)



- Cyan (17%)
- Magenta (62%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612C75 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 612C75 by changing the saturation by 10% instead.

 612C75

 612C75

FFFFFF

 48135C

 965DAA

 2F0044

 B176C5

 1B002E

 CD91E1

 000118

 EAACFE

 000000

 FFC7FF

 FFE4FF

 612C75

 612C75

 5E2075

 643875

■ 5B1575

■ 674375

■ 570975

■ 6B4F75

■ 550075

■ 6E5B75

■ 716675

■ 747275

■ 777E75

■ 7B8A75

■ 7E9575

Harmonies

Analogous

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



163F8B



612C75



7E1653

Triad

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



612C75



5E3C00



00535A

Complementary

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



612C75



40752C

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.



005233



612C75



3D4800

Square

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



612C75



772A08



004F0A



00527B

Rectangle

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



612C75



84123A



004F0A



00534E

Sweetspot

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



612C75



917C99



2C4175



483B4D



CCCCCC



4D4D4D

Same Dimension

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



612C75



7A2699



752C65



39353B



59007A



B500FA

Inverse Universe

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



752C40



992646



2C753C



3B3536



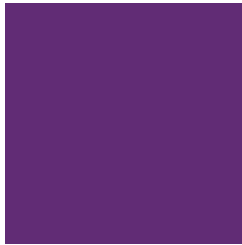
7A0022



FA0044

Previews

White Background



This preview shows how the Hex color 612C75 looks on a white background.

Color Contrast Check

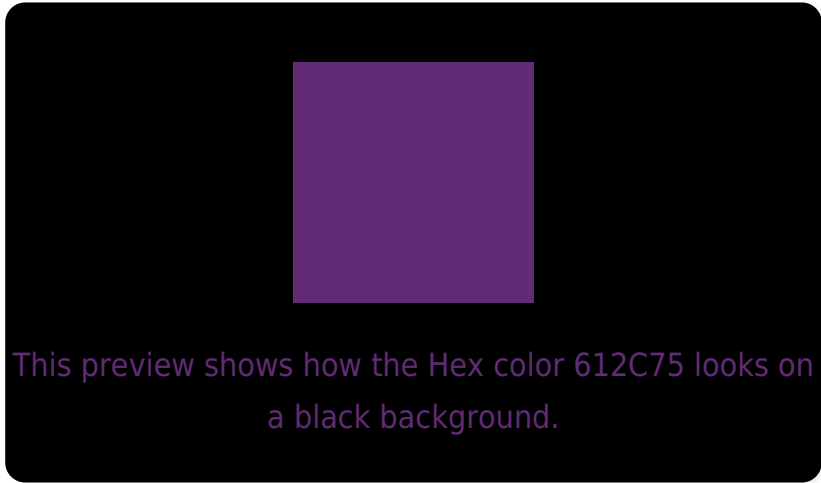
Large Text (above 18pt) WCAG AA ✓ Pass

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

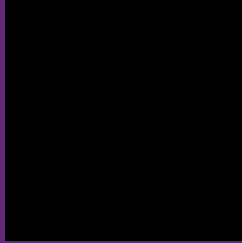
Any Text WCAG AA × Fail

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 612C75 Background



This preview shows how black text looks on a background with the Hex color 612C75.

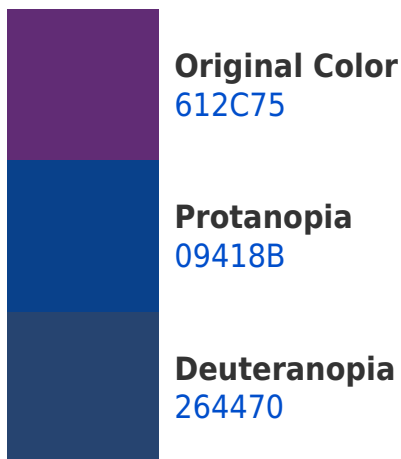


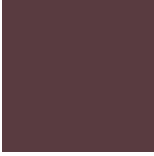
This preview shows how white text looks on a background with the Hex color 612C75.

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
593B40

Trichromacy



Original Color
612C75

Protanomaly
293983

Deuteranomaly
3B3B72

Tritanomaly
5C3653

Monochromacy



Original Color
612C75

Achromatopsia
444444

Achromatomaly
4F3B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 612C75 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 #612C75 looks like.

```
.text, #text, p{  
    color:#612C75  
}
```

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 #612C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612C75
}
```

Border

The CSS property to change the border of an element to Hex 612C75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

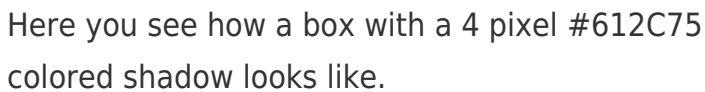
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612C75 }
```

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

```
.border{ border-color:#612C75 }
```

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



Here you see how a box with a 4 pixel #612C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612C75; -webkit-box-shadow:4px 4px  
4px 4px #612C75; box-shadow:4px 4px 4px  
4px #612C75 }
```

Background

The CSS property to change the background color of an element to Hex 612C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612C75 }
```

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

```
.background{ background-color:#612C75 }
```

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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