

Converting Colors

Hex(612973)

Have a look what the booklet for
Hex(612973) contains.

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Color

Hex(612973)

Conversions

Conversions Part 1

Format	Color
Hex	612973
RGB	97, 41, 115
RGB Percent	38%, 16%, 45%
CMY	0.6196, 0.8392, 0.5490
CMYK	0.16, 0.64, 0.00, 0.55
HSL	285°, 47%, 31%
HSV	285°, 64%, 45%
XYZ	8.8172, 5.3651, 16.7905
YIQ	66.1800, 9.6220, 34.8860

Conversions

Conversions Part 2

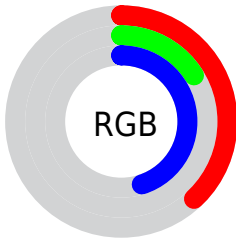
Format	Color
R_{YB}	97, 41, 115
Decimal	6367603
CIE _{Lab}	27.75, 37.76, -31.82
CIE _{LCh}	28, 49.381, 319.884
Yxy	5.3651, 0.2847, 0.1732
Android (android.graphics.Color)	4284557683 (0xFF612973)
YUV	66.1800, 24.0683, 27.0291
Hunter-Lab	23.1626, 27.4143, -26.7653

Details

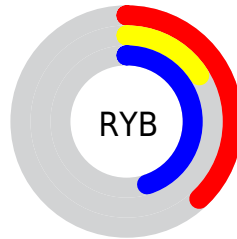
The Hex color **612973** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3B7329**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **965AA7**, and **2F0042** is the 20% darker color. If you saturate the color by 10%, you get **5E1E73**, and if you desaturate by 10%, it is **643573**.

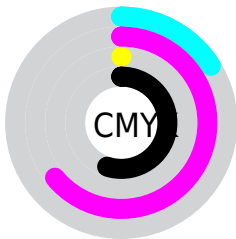
Distribution



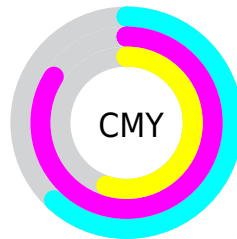
- Red (38%)
- Green (16%)
- Blue (45%)



- Red (38%)
- Yellow (16%)
- Blue (45%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612973 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 612973 by changing the saturation by 10% instead.

612973

612973

FFFFFF

48105A

965AA7

2F0042

B174C3

1A002C

CD8EDF

000116

EAA9FC

000000

FFC4FF

FFE1FF

FFFEFF

612973

612973

■ 5E1E73

■ 643573

■ 5B1273

■ 674073

■ 590773

■ 694C73

■ 570073

■ 6C5773

■ 6F6373

■ 726E73

■ 757A73

■ 778573

■ 7A9173

Harmonies

Analogous

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



163D8A



612973



7D1150

Triad

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



612973



5C3B00



00525A

Complementary

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



612973



3B7329

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.



005133



612973



3A4700

Square

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



612973



752903



004E08



00507B

Rectangle

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



612973



830D37



004E08



00524E

Sweetspot

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



612973



8F7A96



293C73



483B4D



CCCCCC



4D4D4D

Same Dimension

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



612973



7A2396



732961



39353B



5D007A



BD00FA

Inverse Universe

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



73293B



96233F



29733C



3B3536



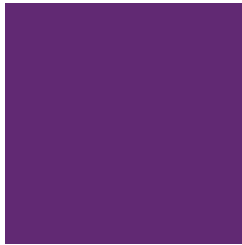
7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 612973 looks on a white background.

Color Contrast Check

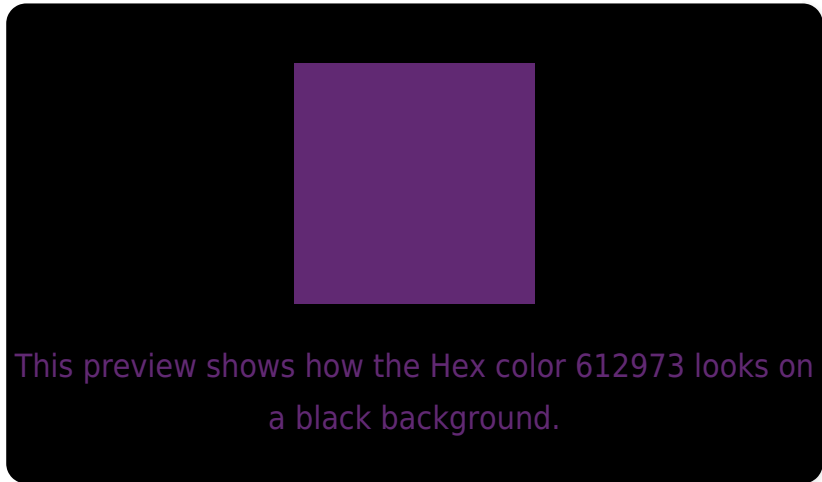
Large Text (above 18pt) WCAG AA ✓ Pass

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 612973 Background



This preview shows how black text looks on a background with the Hex color 612973.




This preview shows how white text looks on a background with the Hex color 612973.

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
59393D

Trichromacy



Original Color
612973

Protanomaly
233880

Deuteranomaly
3B3A70

Tritanomaly
5C3351

Monochromacy



Original Color
612973

Achromatopsia
424242

Achromatomaly
4D3954

CSS Examples

Text

The CSS property to change the color of the text to Hex 612973 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 #612973 looks like.

```
.text, #text, p{  
    color:#612973  
}
```

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 #612973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612973  
}
```

Border

The CSS property to change the border of an element to Hex 612973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

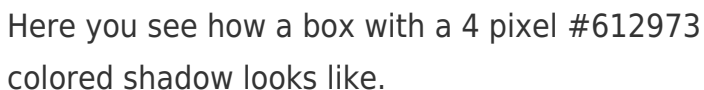
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#612973 }
```

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

```
.border{ border-color:#612973 }
```

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



Here you see how a box with a 4 pixel #612973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612973; -webkit-box-shadow:4px 4px  
4px 4px #612973; box-shadow:4px 4px 4px  
4px #612973 }
```

Background

The CSS property to change the background color of an element to Hex 612973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612973 }
```

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

```
.background{ background-color:#612973 }
```

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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