

Converting Colors

Hex(612095)

Have a look what the booklet for
Hex(612095) contains.

Hex(612095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(612095)

Conversions

Conversions Part 1

Format	Color
Hex	612095
RGB	97, 32, 149
RGB Percent	38%, 13%, 58%
CMY	0.6196, 0.8745, 0.4157
CMYK	0.35, 0.79, 0.00, 0.42
HSL	273°, 65%, 35%
HSV	273°, 79%, 58%
XYZ	10.8711, 5.7443, 28.9696
YIQ	64.7730, 1.1830, 50.1670

Conversions

Conversions Part 2

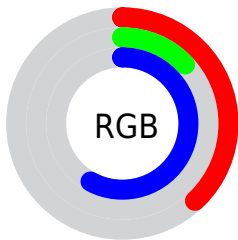
Format	Color
RYB	97, 32, 149
Decimal	6365333
CIELab	28.76, 49.78, -51.47
CIElCh	29, 71.604, 314.049
Yxy	5.7443, 0.2385, 0.1260
Android (android.graphics.Color)	4284555413 (0xFF612095)
YUV	64.7730, 41.5239, 28.2631
Hunter-Lab	23.9673, 39.0210, -54.8873

Details

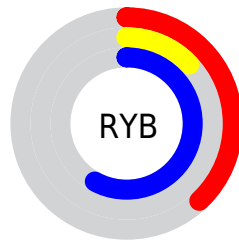
The Hex color **612095** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **549520**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9854CC**, and **2A0061** is the 20% darker color. If you saturate the color by 10%, you get **5A1195**, and if you desaturate by 10%, it is **682F95**.

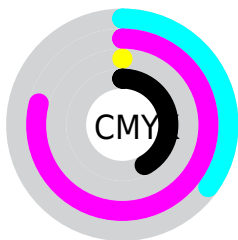
Distribution



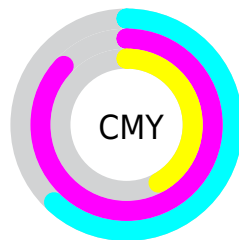
- Red (38%)
- Green (13%)
- Blue (58%)



- Red (38%)
- Yellow (13%)
- Blue (58%)



- Cyan (35%)
- Magenta (79%)
- Yellow (0%)
- Black (42%)




- Cyan (62%)
- Magenta (87%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612095 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 612095 by changing the saturation by 10% instead.

 612095

 612095

FFFFFF

 46007B

 9854CC

 2A0061

 B46EE9

 100049

 D189FF

 000331

 EFA4FF

 00011B

 FFBFFF

 000000

 FFDCCF

 FFF9FF

 612095

 612095

■ 5A1195

■ 682F95

■ 540295

■ 6E3E95

■ 530095

■ 754D95

■ 7B5C95

■ 826A95

■ 897995

■ 8F8895

■ 969795

■ 9DA695

Harmonies

Analogous

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



0044B2



612095



930064

Triad

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



612095



6B3600



00585D

Complementary

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



612095



549520

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.



005723



612095



3C4A00

Square

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



612095



8E0100



005300



005891

Rectangle

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



612095



9E003F



005300



00584A

Sweetspot

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



612095



AD93C2



205595



544561



E0E0E0



616161

Same Dimension

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



612095



710CC2



95208F



47434A



4C008A



06000A

Inverse Universe

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



952054



C20C5D



209526



4A4346



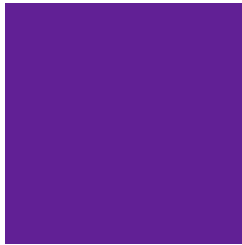
8A003D



0A0005

Previews

White Background



This preview shows how the Hex color 612095 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

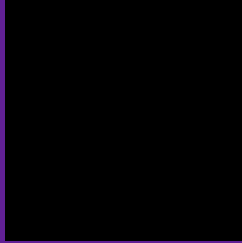
Any Text WCAG AA × Fail

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 612095 Background



This preview shows how black text looks on a background with the Hex color 612095.



This preview shows how white text looks on a background with the Hex color 612095.

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
524045

Trichromacy



Original Color
612095

Protanomaly
23368F

Deuteranomaly
233883

Tritanomaly
573462

Monochromacy



Original Color
612095

Achromatopsia
414141

Achromatomaly
4D3560

CSS Examples

Text

The CSS property to change the color of the text to Hex 612095 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 #612095 looks like.

```
.text, #text, p{  
    color:#612095  
}
```

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 #612095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612095
}
```

Border

The CSS property to change the border of an element to Hex 612095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

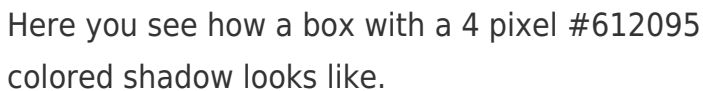
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612095 }
```

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

```
.border{ border-color:#612095 }
```

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



Here you see how a box with a 4 pixel #612095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612095; -webkit-box-shadow:4px 4px  
4px 4px #612095; box-shadow:4px 4px 4px  
4px #612095 }
```

Background

The CSS property to change the background color of an element to Hex 612095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612095 }
```

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

```
.background{ background-color:#612095 }
```

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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