

Converting Colors

Hex(672F9C)

Have a look what the booklet for
Hex(672F9C) contains.

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Color

Hex(672F9C)

Conversions

Conversions Part 1

Format	Color
Hex	672F9C
RGB	103, 47, 156
RGB Percent	40%, 18%, 61%
CMY	0.5961, 0.8157, 0.3882
CMYK	0.34, 0.70, 0.00, 0.39
HSL	271°, 54%, 40%
HSV	271°, 70%, 61%
XYZ	12.6108, 7.3169, 32.2001
YIQ	76.1700, -1.6130, 45.7710

Conversions

Conversions Part 2

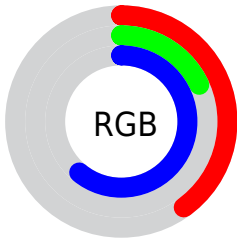
Format	Color
R_{YB}	103, 47, 156
Decimal	6762396
CIE _{Lab}	32.52, 45.89, -49.60
CIE _{LCh}	33, 67.571, 312.777
Yxy	7.3169, 0.2419, 0.1404
Android (android.graphics.Color)	4284952476 (0xFF672F9C)
YUV	76.1700, 39.3562, 23.5299
Hunter-Lab	27.0498, 35.8808, -51.6442

Details

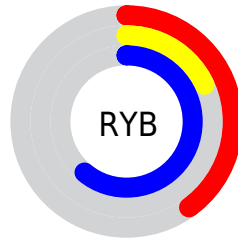
The Hex color **672F9C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **649C2F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9E61D3**, and **310068** is the 20% darker color. If you saturate the color by 10%, you get **5F1F9C**, and if you desaturate by 10%, it is **6F3F9C**.

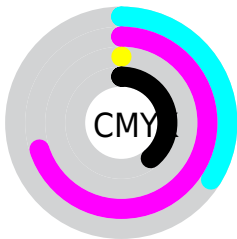
Distribution



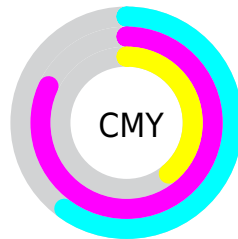
- Red (40%)
- Green (18%)
- Blue (61%)



- Red (40%)
- Yellow (18%)
- Blue (61%)



- Cyan (34%)
- Magenta (70%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (82%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 672F9C 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 672F9C by changing the saturation by 10% instead.

672F9C

672F9C

FFFFFF

4C1581

9E61D3

310068

BA7BF0

16004F

D796FF

000037

F4B1FF

000221

FFCDFF

000005

FFEAFF

000000

672F9C

672F9C

5F1F9C

6F3F9C

■ 58109C

■ 764E9C

■ 50009C

■ 7E5E9C

■ 856D9C

■ 8D7D9C

■ 958D9C

■ 9C9C9C

■ A4AC9C

■ ABBB9C

Harmonies

Analogous

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



004DB7



672F9C



99006D

Triad

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



672F9C



773E00



006263

Complementary

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



672F9C



649C2F

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.



00602A



672F9C



4A5100

Square

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



672F9C



971900



005B00



006195

Rectangle

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



672F9C



A5004A



005B00



006150

Sweetspot

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



672F9C



B7A1CC



2F669C



5A4D66



E6E6E6



666666

Same Dimension

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



672F9C



7921CC



9C2F9C



4B474F



49008F



08000F

Inverse Universe

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



9C2F64



CC2174



2F9C2F



4F474B



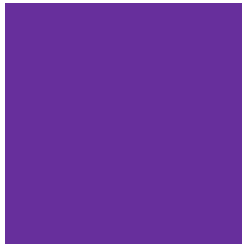
8F0045



0F0007

Previews

White Background



This preview shows how the Hex color 672F9C 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

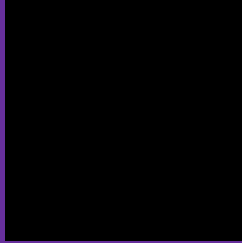
Any Text WCAG AA × Fail

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 672F9C Background



This preview shows how black text looks on a background with the Hex color 672F9C.



This preview shows how white text looks on a background with the Hex color 672F9C.

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
672F9C

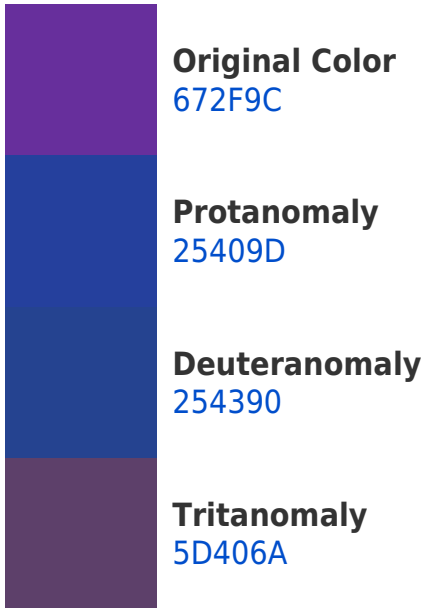
Protanopia
004A9D

Deuteranopia
004F89

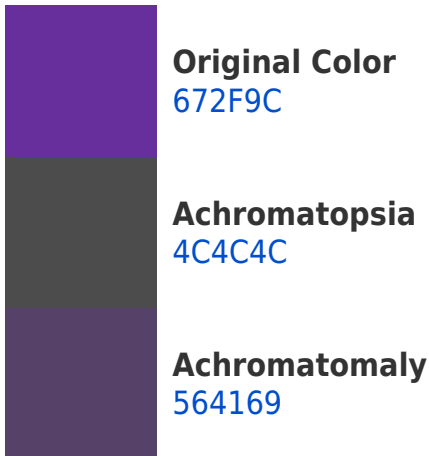


Tritanopia
58494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 672F9C 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 #672F9C looks like.

```
.text, #text, p{  
    color:#672F9C  
}
```

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 #672F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672F9C
}
```

Border

The CSS property to change the border of an element to Hex 672F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

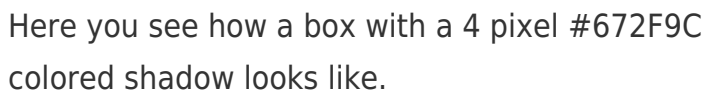
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672F9C }
```

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

```
.border{ border-color:#672F9C }
```

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



Here you see how a box with a 4 pixel #672F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672F9C; -webkit-box-shadow:4px 4px  
4px 4px #672F9C; box-shadow:4px 4px 4px  
4px #672F9C }
```

Background

The CSS property to change the background color of an element to Hex 672F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672F9C }
```

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

```
.background{ background-color:#672F9C }
```

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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