

Converting Colors

Hex(672F89)

Have a look what the booklet for
Hex(672F89) contains.

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Color

Hex(672F89)

Conversions

Conversions Part 1

Format	Color
Hex	672F89
RGB	103, 47, 137
RGB Percent	40%, 18%, 54%
CMY	0.5961, 0.8157, 0.4627
CMYK	0.25, 0.66, 0.00, 0.46
HSL	277°, 49%, 36%
HSV	277°, 66%, 54%
XYZ	11.1254, 6.7227, 24.3782
YIQ	74.0040, 4.4860, 39.8620

Conversions

Conversions Part 2

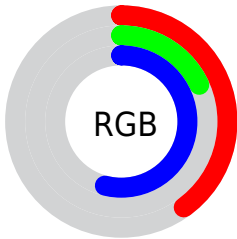
Format	Color
R_{YB}	103, 47, 137
Decimal	6762377
CIE _{Lab}	31.17, 41.28, -40.12
CIE _{LCh}	31, 57.564, 315.814
Yxy	6.7227, 0.2635, 0.1592
Android (android.graphics.Color)	4284952457 (0xFF672F89)
YUV	74.0040, 31.0570, 25.4295
Hunter-Lab	25.9282, 31.2170, -37.5957

Details

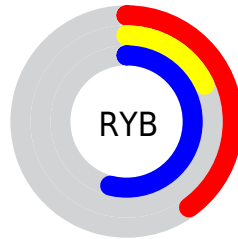
The Hex color **672F89** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **51892F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9D61BF**, and **330056** is the 20% darker color. If you saturate the color by 10%, you get **622189**, and if you desaturate by 10%, it is **6C3D89**.

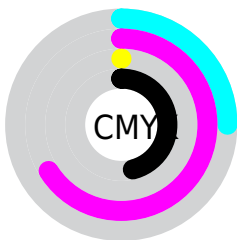
Distribution



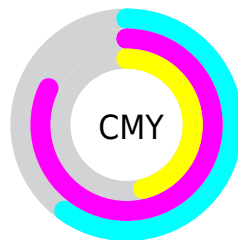
- Red (40%)
- Green (18%)
- Blue (54%)



- Red (40%)
- Yellow (18%)
- Blue (54%)



- Cyan (25%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (60%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 672F89 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 672F89 by changing the saturation by 10% instead.

672F89

672F89

FFFFFF

4D166F

9D61BF

330056

B97BDB

1E003F

D595F8

000028

F2B0FF

000111

FFCCFF

000000

FFE9FF

672F89

672F89

622189

6C3D89

■ 5D1489

■ 714A89

■ 570689

■ 775889

■ 550089

■ 7C6689

■ 817389

■ 868189

■ 8B8F89

■ 909D89

■ 96AA89

Harmonies

Analogous

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



0047A1



672F89



8D0961

Triad

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



672F89



6C3F00



005C61

Complementary

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



672F89



51892F

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.



005B32



672F89



454F00

Square

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



672F89



882705



005700



005B8A

Rectangle

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



672F89



960043



005700



005C51

Sweetspot

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



672F89



A58FB3



2F5289



514459



D9D9D9



595959

Same Dimension

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



672F89



7D25B3



892F7F



423E45



530085



030005

Inverse Universe

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



892F51



B3255B



2F8939



453E41



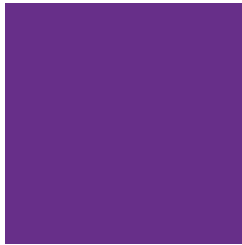
850032



050002

Previews

White Background



This preview shows how the Hex color 672F89 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

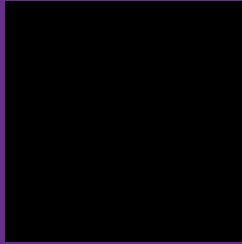
Any Text WCAG AA × Fail

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 672F89 Background



This preview shows how black text looks on a background with the Hex color 672F89.



This preview shows how white text looks on a background with the Hex color 672F89.

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
672F89

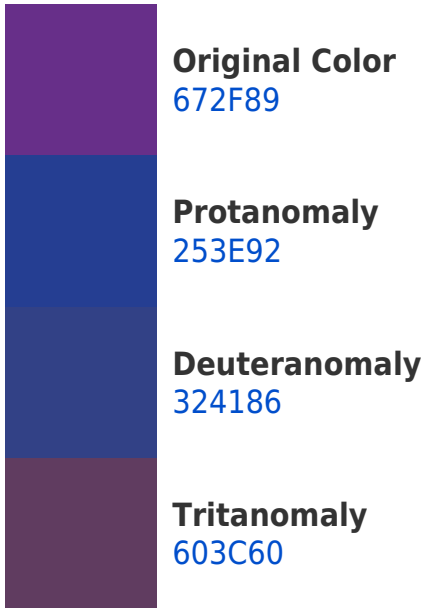
Protanopia
004797

Deuteranopia
144B84

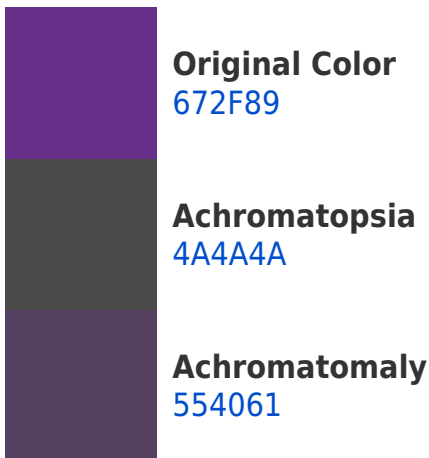


Tritanopia
5C4348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 672F89 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 #672F89 looks like.

```
.text, #text, p{  
    color:#672F89  
}
```

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 #672F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672F89
}
```

Border

The CSS property to change the border of an element to Hex 672F89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

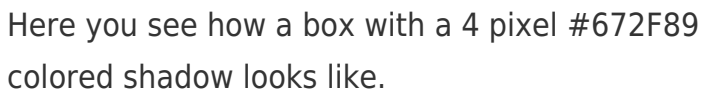
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672F89 }
```

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

```
.border{ border-color:#672F89 }
```

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



Here you see how a box with a 4 pixel #672F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672F89; -webkit-box-shadow:4px 4px  
4px 4px #672F89; box-shadow:4px 4px 4px  
4px #672F89 }
```

Background

The CSS property to change the background color of an element to Hex 672F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672F89 }
```

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

```
.background{ background-color:#672F89 }
```

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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