

Converting Colors

Hex(672EBA)

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

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Color

Hex(672EBA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 672EBA |
| RGB | 103, 46, 186 |
| RGB Percent | 40%, 18%, 73% |
| CMY | 0.5961, 0.8196, 0.2706 |
| CMYK | 0.45, 0.75, 0.00, 0.27 |
| HSL | 264°, 60%, 45% |
| HSV | 264°, 75%, 73% |
| XYZ | 15.4334, 8.3827, 47.2590 |
| YIQ | 79.0030, -10.9680, 55.6240 |

Conversions

Conversions Part 2

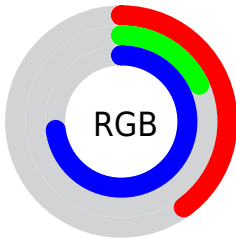
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 46, 186 |
| Decimal | 6762170 |
| CIELab | 34.77, 53.95, -63.90 |
| CIElCh | 35, 83.629, 310.177 |
| Yxy | 8.3827, 0.2171, 0.1179 |
| Android (android.graphics.Color) | 4284952250 (0xFF672EBA) |
| YUV | 79.0030, 52.7495, 21.0454 |
| Hunter-Lab | 28.9529, 44.4823, -76.5101 |

Details

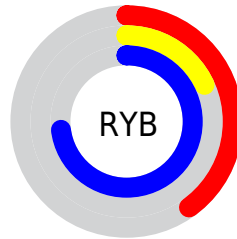
The Hex color **672EBA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **81BA2E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A162F3**, and **2A0084** is the 20% darker color. If you saturate the color by 10%, you get **5C1BBA**, and if you desaturate by 10%, it is **7241BA**.

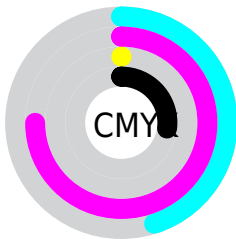
Distribution



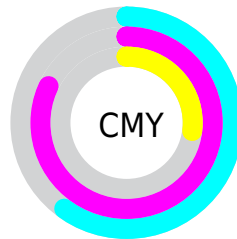
- Red (40%)
- Green (18%)
- Blue (73%)



- Red (40%)
- Yellow (18%)
- Blue (73%)



- Cyan (45%)
- Magenta (75%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 672EBA

 672EBA

FFFFFF

 4A119E

 A162F3

 2A0084

 BE7CFF

 00006A

 DB97FF

 000050

 F9B2FF

 000538

 FFCFFF

 000222

 FFE8FF

 000008

 000000

 672EBA

 672EBA

■ 5C1BBA

■ 7241BA

■ 5109BA

■ 7D53BA

■ 4C00BA

■ 8866BA

■ 9378BA

■ 9E8BBA

■ A99EBA

■ B4B0BA

■ BFC3BA

■ CAD5BA

Harmonies

Analogous

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



0055D9



672EBA



AC0081

Triad

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



672EBA



873D00



006A68

Complementary

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



672EBA



81BA2E

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.



00681F



672EBA



505700

Square

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



672EBA



AE0000



006300



006BA8

Rectangle

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



672EBA



BD0055



006300



006A51

Sweetspot

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



672EBA



D1BBF2



2E82BA



66587A



FAFAFA



7A7A7A

Same Dimension

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



672EBA



7118F2



AC2EBA



56535C



3F009C



0B001C

Inverse Universe

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



BA2E81



F21899



3CBA2E



5C5358



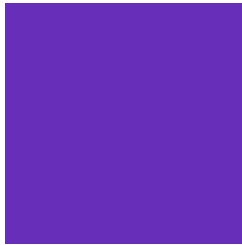
9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 672EBA 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

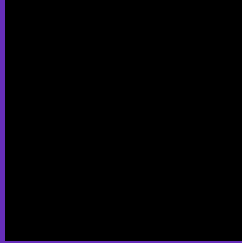
Any Text WCAG AA × Fail

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 672EBA Background



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

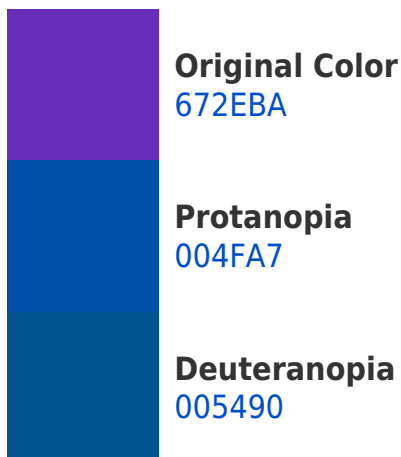


This preview shows how white text looks on a background with the Hex color 672EBA.

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
4F5259

Trichromacy



Original Color
672EBA



Protanomaly
2543AE



Deuteranomaly
25469F



Tritanomaly
58457C

Monochromacy



Original Color
672EBA



Achromatopsia
4F4F4F



Achromatomaly
584376

CSS Examples

Text

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

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

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 #672EBA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 672EBA 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".

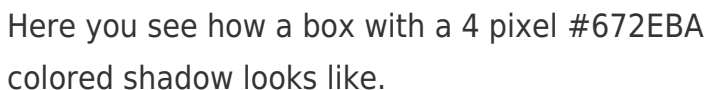
```
.border, #border, table{ border:4px solid
#672EBA }
```

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

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

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

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



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

Background

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

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

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

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

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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