

Converting Colors

Hex(675CA2)

Have a look what the booklet for
Hex(675CA2) contains.

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Color

Hex(675CA2)

Conversions

Conversions Part 1

Format	Color
Hex	675CA2
RGB	103, 92, 162
RGB Percent	40%, 36%, 64%
CMY	0.5961, 0.6392, 0.3647
CMYK	0.36, 0.43, 0.00, 0.36
HSL	249°, 28%, 50%
HSV	249°, 43%, 64%
XYZ	15.9423, 13.1465, 35.8797
YIQ	103.2690, -15.9140, 24.1020

Conversions

Conversions Part 2

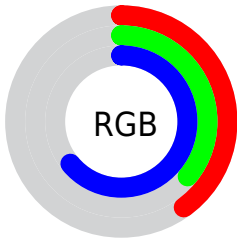
Format	Color
R_{YB}	103, 92, 162
Decimal	6773922
CIE _{Lab}	42.98, 21.51, -36.45
CIE _{LCh}	43, 42.319, 300.544
Yxy	13.1465, 0.2454, 0.2024
Android (android.graphics.Color)	4284964002 (0xFF675CA2)
YUV	103.2690, 28.9544, -0.2359
Hunter-Lab	36.2581, 15.0327, -33.2906

Details

The Hex color **675CA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97A25C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9C8ED9**, and **342E6E** is the 20% darker color. If you saturate the color by 10%, you get **594CA2**, and if you desaturate by 10%, it is **756CA2**.

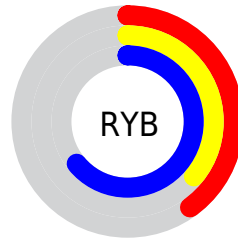
Distribution



Red (40%)

Green (36%)

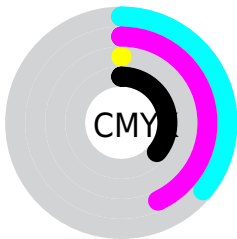
Blue (64%)



Red (40%)

Yellow (36%)

Blue (64%)

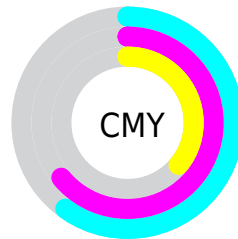


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (60%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 675CA2 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 675CA2 by changing the saturation by 10% instead.

675CA2

675CA2

FFFFFF

4D4487

9C8ED9

342E6E

B8A9F6

191955

D4C4FF

00003E

F1E0FF

000327

FFFDFF

000110

000000

675CA2

675CA2

594CA2

756CA2

■ 4C3CA2

■ 827CA2

■ 3E2BA2

■ 908DA2

■ 301BA2

■ 9E9DA2

■ 230BA2

■ ABADA2

■ 1900A2

■ B9BDA2

■ C7CDA2

■ D4DEA2

■ E2EEA2

Harmonies

Analogous

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



0769AB



675CA2



904E88

Triad

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



675CA2



935728



007665

Complementary

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



675CA2



97A25C

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.



217441



675CA2



78641A

Square

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



675CA2



A34A44



546E25



007688

Rectangle

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



675CA2



A04772



546E25



007659

Sweetspot

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



675CA2



BCB8D4



5C97A2



5D5A6B



EBEBEB



6B6B6B

Same Dimension

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



675CA2



7766D4



8A5CA2



4B4952



170091



030012

Inverse Universe

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



A25C97



D466C2



74A25C



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 675CA2 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 675CA2 Background



This preview shows how black text looks on a background with the Hex color 675CA2.

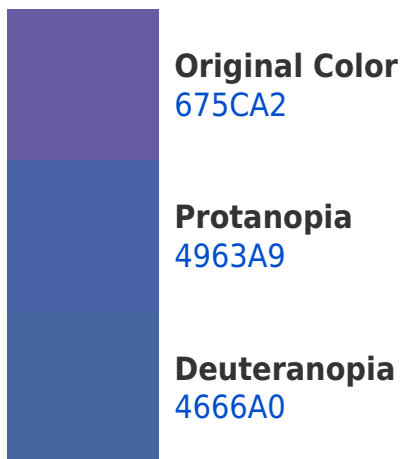


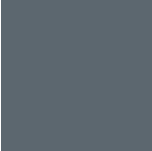
This preview shows how white text looks on a background with the Hex color 675CA2.

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
5C676F

Trichromacy



Original Color
675CA2

Protanomaly
5460A6

Deuteranomaly
5262A1

Tritanomaly
606382

Monochromacy



Original Color
675CA2

Achromatopsia
676767

Achromatomaly
67637C

CSS Examples

Text

The CSS property to change the color of the text to Hex 675CA2 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 #675CA2 looks like.

```
.text, #text, p{  
    color:#675CA2  
}
```

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 #675CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675CA2
}
```

Border

The CSS property to change the border of an element to Hex 675CA2 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
#675CA2 }
```

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

```
.border{ border-color:#675CA2 }
```

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

Here you see how a box with a 4 pixel #675CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675CA2; -webkit-box-shadow:4px 4px  
4px 4px #675CA2; box-shadow:4px 4px 4px  
4px #675CA2 }
```

Background

The CSS property to change the background color of an element to Hex 675CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675CA2 }
```

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

```
.background{ background-color:#675CA2 }
```

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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