

Converting Colors

Hex(677CCA)

Have a look what the booklet for
Hex(677CCA) contains.

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Color

Hex(677CCA)

Conversions

Conversions Part 1

Format	Color
Hex	677CCA
RGB	103, 124, 202
RGB Percent	40%, 49%, 79%
CMY	0.5961, 0.5137, 0.2078
CMYK	0.49, 0.39, 0.00, 0.21
HSL	227°, 48%, 60%
HSV	227°, 49%, 79%
XYZ	23.4618, 21.5631, 58.8026
YIQ	126.6130, -37.5540, 19.8060

Conversions

Conversions Part 2

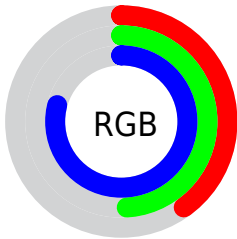
Format	Color
R_{YB}	103, 120, 202
Decimal	6782154
CIE _{Lab}	53.56, 13.82, -42.94
CIE _{LCh}	54, 45.108, 287.841
Yxy	21.5631, 0.2260, 0.2077
Android (android.graphics.Color)	4284972234 (0xFF677CCA)
YUV	126.6130, 37.1658, -20.7086
Hunter-Lab	46.4361, 8.9239, -42.5744

Details

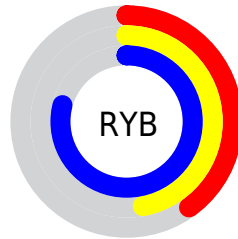
The Hex color **677CCA** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CAB567**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9FB0FF**, and **2D4C93** is the 20% darker color. If you saturate the color by 10%, you get **536CCA**, and if you desaturate by 10%, it is **7B8CCA**.

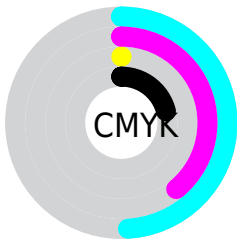
Distribution



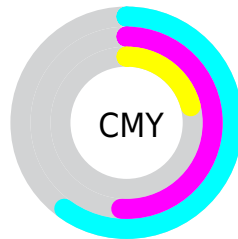
- Red (40%)
- Green (49%)
- Blue (79%)



- Red (40%)
- Yellow (47%)
- Blue (79%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677CCA 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 677CCA by changing the saturation by 10% instead.

■ 677CCA

■ 677CCA

FFFFFF

■ 4B63AE

■ 9FB0FF

■ 2D4C93

■ BBCCFF

■ 013579

■ D8E8FF

■ 002160

■ F6FFFF

■ 000A48

■ 000431

■ 00011B

■ 000000

■ 677CCA

■ 677CCA

■ 536CCA

■ 7B8CCA

■ 3F5CCA

■ 8F9CCA

■ 2A4CCA

■ A4ACCA

■ 163CCA

■ B8BCCA

■ 022CCA

■ CCCCCA

■ 002BCA

■ E0DBCA

■ F4EBCA

■ FFFBCA

■ FFFFCA

Harmonies

Analogous

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



0089CC



677CCA



A06CB5

Triad

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



677CCA



BD6A48



00926E

Complementary

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



677CCA



CAB567

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.



538E4A



677CCA



A37831

Square

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



677CCA



C85F6A



808532



009397

Rectangle

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



677CCA



B8639E



808532



249161

Sweetspot

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



677CCA



D9E1FF



67CAB5



696D80



000000



808080

Same Dimension

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



677CCA



6988FF



8367CA



5C5E66



0023A6



000826

Inverse Universe

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



CA677C



FF6988



AECA67



665C5E



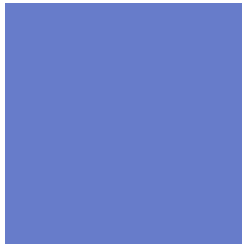
A60023



260008

Previews

White Background



This preview shows how the Hex color 677CCA looks on a white background.

Color Contrast Check

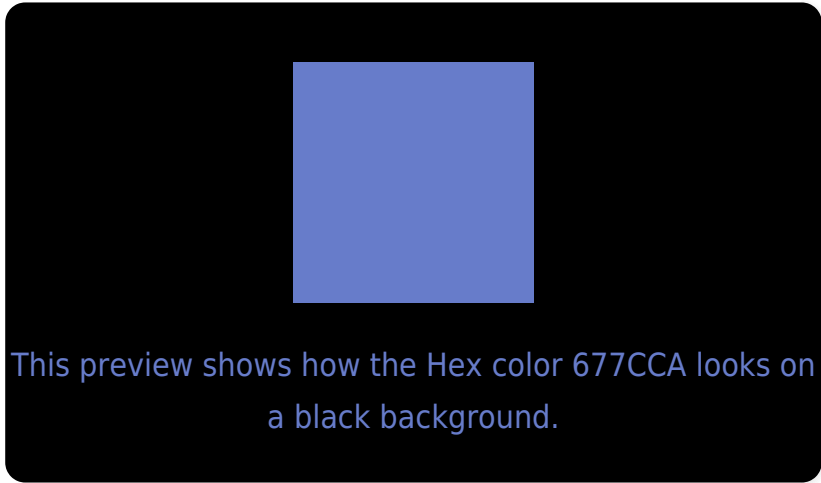
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 677CCA Background



This preview shows how black text looks on a background with the Hex color 677CCA.



This preview shows how white text looks on a background with the Hex color 677CCA.

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
677CCA

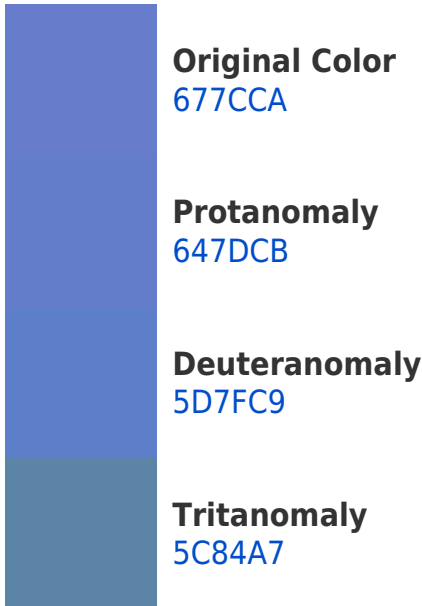
Protanopia
627DCB

Deuteranopia
5780C9

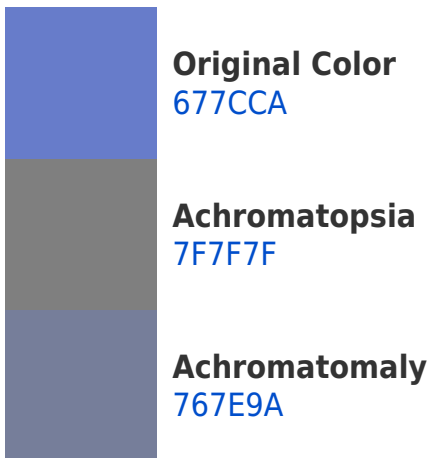


Tritanopia
568893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 677CCA 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 #677CCA looks like.

```
.text, #text, p{  
    color:#677CCA  
}
```

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 #677CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677CCA
}
```

Border

The CSS property to change the border of an element to Hex 677CCA 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
#677CCA }
```

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

```
.border{ border-color:#677CCA }
```

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

Here you see how a box with a 4 pixel #677CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677CCA; -webkit-box-shadow:4px 4px  
4px 4px #677CCA; box-shadow:4px 4px 4px  
4px #677CCA }
```

Background

The CSS property to change the background color of an element to Hex 677CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677CCA }
```

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

```
.background{ background-color:#677CCA }
```

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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