

Converting Colors

Hex(677FB1)

Have a look what the booklet for
Hex(677FB1) contains.

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Color

Hex(677FB1)

Conversions

Conversions Part 1

Format	Color
Hex	677FB1
RGB	103, 127, 177
RGB Percent	40%, 50%, 69%
CMY	0.5961, 0.5020, 0.3059
CMYK	0.42, 0.28, 0.00, 0.31
HSL	221°, 32%, 55%
HSV	221°, 42%, 69%
XYZ	21.1187, 21.2366, 44.5810
YIQ	125.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

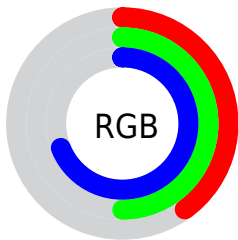
Format	Color
RYB	103, 121, 177
Decimal	6782897
CIELab	53.21, 4.53, -29.19
CIELCh	53, 29.538, 278.825
Yxy	21.2366, 0.2429, 0.2443
Android (android.graphics.Color)	4284972977 (0xFF677FB1)
YUV	125.5240, 25.3777, -19.7535
Hunter-Lab	46.0832, 1.1561, -25.0990

Details

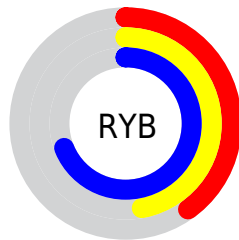
The Hex color **677FB1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B19967**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9DB4E9**, and **334E7C** is the 20% darker color. If you saturate the color by 10%, you get **5573B1**, and if you desaturate by 10%, it is **798BB1**.

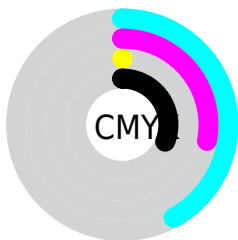
Distribution



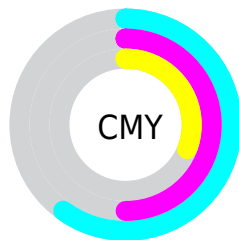
- Red (40%)
- Green (50%)
- Blue (69%)



- Red (40%)
- Yellow (47%)
- Blue (69%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677FB1 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 677FB1 by changing the saturation by 10% instead.

■ 677FB1

■ 677FB1

FFFFFF

■ 4D6696

■ 9DB4E9

■ 334E7C

■ B9CFFF

■ 163863

■ D5EBFF

■ 00234B

■ F2FFFF

■ 000C34

■ 00021E

■ 000001

■ 000000

■ 677FB1

■ 677FB1

■ 5573B1

■ 798BB1

■ 4467B1

■ 8A97B1

■ 325BB1

■ 9CA3B1

■ 204FB1

■ AEAFB1

■ 0E43B1

■ C0BBB1

■ 0039B1

■ D1C7B1

■ E3D3B1

■ F5DFB1

■ FFEBB1

Harmonies

Analogous

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



3C87AE



677FB1



8C76A7

Triad

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



677FB1



AE6F60



4E8B6C

Complementary

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



677FB1



B19967

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.



6D8757



677FB1



9F7750

Square

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



677FB1



B06B78



89804C



2C8D86

Rectangle

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



677FB1



9E709A



89804C



588A64

Sweetspot

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



677FB1



C8D1E6



67B198



606673



F2F2F2



737373

Same Dimension

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



677FB1



7398E6



7367B1



505359



003299



00081A

Inverse Universe

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



B1677F



E67398



A5B167



595053



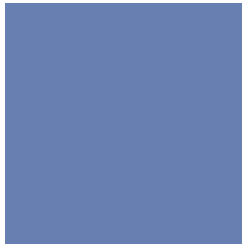
990032



1A0008

Previews

White Background



This preview shows how the Hex color 677FB1 looks on a white background.

Color Contrast Check

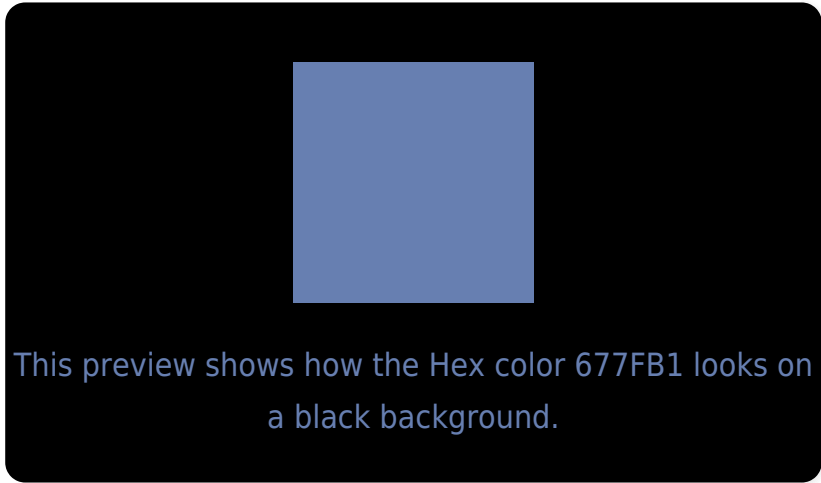
Large Text (above 18pt) WCAG AA ✓ Pass

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

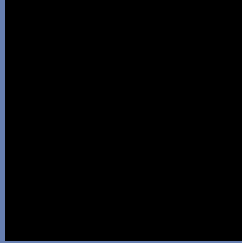
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

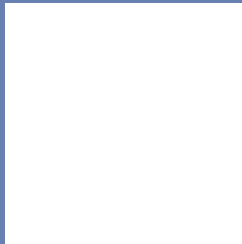
Any Text WCAG AAA × Fail

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

Hex 677FB1 Background



This preview shows how black text looks on a background with the Hex color 677FB1.

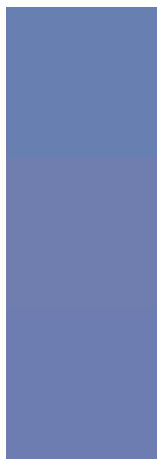


This preview shows how white text looks on a background with the Hex color 677FB1.

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
677FB1

Protanopia
707DAF

Deuteranopia
6D7DB1



Tritanopia
5E8590

Trichromacy



Original Color
677FB1

Protanomaly
6D7EB0

Deuteranomaly
6B7EB1

Tritanomaly
61839C

Monochromacy



Original Color
677FB1

Achromatopsia
7E7E7E

Achromatomaly
767E91

CSS Examples

Text

The CSS property to change the color of the text to Hex 677FB1 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 #677FB1 looks like.

```
.text, #text, p{  
    color:#677FB1  
}
```

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 #677FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677FB1  
}
```

Border

The CSS property to change the border of an element to Hex 677FB1 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  
#677FB1 }
```

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

```
.border{ border-color:#677FB1 }
```

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

Here you see how a box with a 4 pixel #677FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677FB1; -webkit-box-shadow:4px 4px  
4px 4px #677FB1; box-shadow:4px 4px 4px  
4px #677FB1 }
```

Background

The CSS property to change the background color of an element to Hex 677FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677FB1 }
```

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

```
.background{ background-color:#677FB1 }
```

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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