

Converting Colors

Hex(676ECE)

Have a look what the booklet for
Hex(676ECE) contains.

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Color

Hex(676ECE)

Conversions

Conversions Part 1

Format	Color
Hex	676ECE
RGB	103, 110, 206
RGB Percent	40%, 43%, 81%
CMY	0.5961, 0.5686, 0.1922
CMYK	0.50, 0.47, 0.00, 0.19
HSL	236°, 51%, 61%
HSV	236°, 50%, 81%
XYZ	22.3100, 18.4917, 60.7859
YIQ	118.8510, -34.9880, 28.3720

Conversions

Conversions Part 2

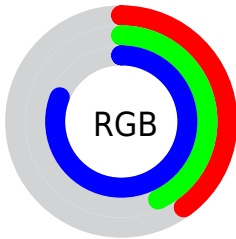
Format	Color
RYB	103, 110, 206
Decimal	6778574
CIELab	50.09, 23.57, -50.74
CIELCh	50, 55.946, 294.919
Yxy	18.4917, 0.2196, 0.1820
Android (android.graphics.Color)	4284968654 (0xFF676ECE)
YUV	118.8510, 42.9645, -13.9013
Hunter-Lab	43.0019, 17.3550, -53.7088

Details

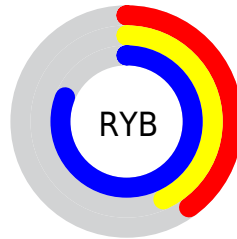
The Hex color **676ECE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CEC767**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A0A1FF**, and **2B3F97** is the 20% darker color. If you saturate the color by 10%, you get **525BCE**, and if you desaturate by 10%, it is **7C81CE**.

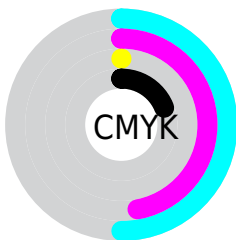
Distribution



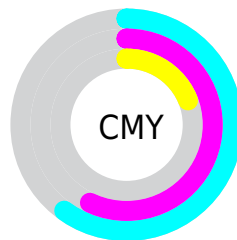
- Red (40%)
- Green (43%)
- Blue (81%)



- Red (40%)
- Yellow (43%)
- Blue (81%)



- Cyan (50%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676ECE 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 676ECE by changing the saturation by 10% instead.

■ 676ECE

■ 676ECE

FFFFFF

■ 4A56B2

■ A0A1FF

■ 2B3F97

■ BCBCFF

■ 00297D

■ DAD8FF

■ 001563

■ F7F5FF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 676ECE

■ 676ECE

■ 525BCE

■ 7C81CE

■ 3E48CE

■ 9094CE

■ 2934CE

■ A5A8CE

■ 1521CE

■ B9BBCE

■ 000ECE

■ CECECE

■ E3E1CE

■ F7F4CE

■ FFFFCE

Harmonies

Analogous

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



007FD6



676ECE



A958AF

Triad

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



676ECE



B85F28



008D6D

Complementary

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



676ECE



CEC767

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.



21893D



676ECE



957203

Square

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



676ECE



CB4C52



688012



008D9E

Rectangle

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



676ECE



C14C91



688012



008C5D

Sweetspot

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



676ECE



D9DBFF



67CEC5



696A80



000000



808080

Same Dimension

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



676ECE



6670FF



9267CE



5C5C66



000BA6



000326

Inverse Universe

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



CE676E



FF6670



A3CE67



665C5C



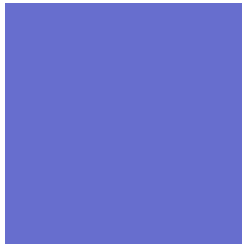
A6000B



260003

Previews

White Background



This preview shows how the Hex color 676ECE 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

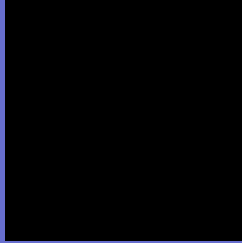
Any Text WCAG AA ✓ Pass

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 676ECE Background



This preview shows how black text looks on a background with the Hex color 676ECE.

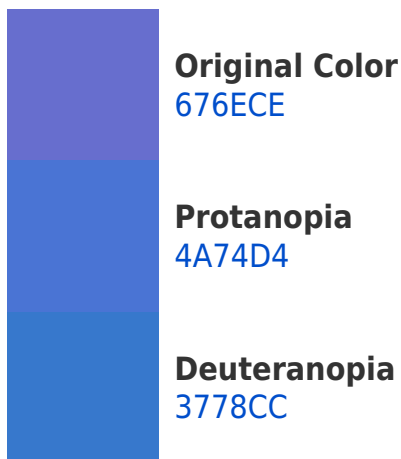


This preview shows how white text looks on a background with the Hex color 676ECE.

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](#).

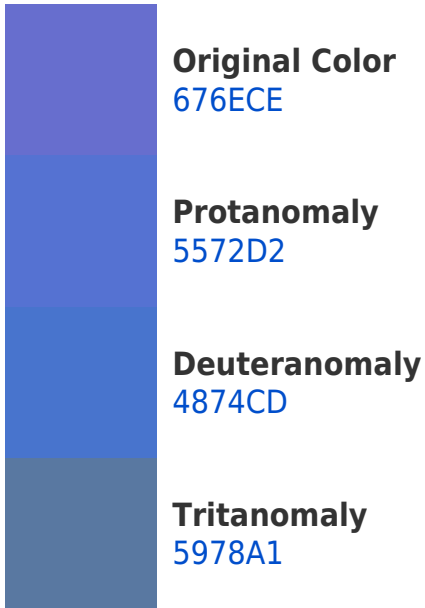
Dichromacy





Tritanopia
517E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 676ECE 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 #676ECE looks like.

```
.text, #text, p{  
    color:#676ECE  
}
```

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 #676ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676ECE
}
```

Border

The CSS property to change the border of an element to Hex 676ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

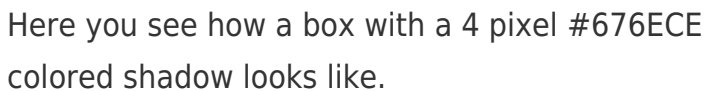
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676ECE }
```

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

```
.border{ border-color:#676ECE }
```

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



Here you see how a box with a 4 pixel #676ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676ECE; -webkit-box-shadow:4px 4px  
4px 4px #676ECE; box-shadow:4px 4px 4px  
4px #676ECE }
```

Background

The CSS property to change the background color of an element to Hex 676ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676ECE }
```

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

```
.background{ background-color:#676ECE }
```

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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