

Converting Colors

Hex(647FEC)

Have a look what the booklet for
Hex(647FEC) contains.

Hex(647FEC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(647FEC)

Conversions

Conversions Part 1

Format	Color
Hex	647FEC
RGB	100, 127, 236
RGB Percent	39%, 50%, 93%
CMY	0.6078, 0.5020, 0.0745
CMYK	0.58, 0.46, 0.00, 0.07
HSL	228°, 78%, 66%
HSV	228°, 58%, 93%
XYZ	27.9852, 23.9442, 82.5036
YIQ	131.3530, -51.0810, 28.1750

Conversions

Conversions Part 2

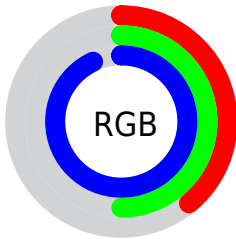
Format	Color
RYB	100, 123, 236
Decimal	6586348
CIELab	56.03, 22.15, -58.14
CIElCh	56, 62.218, 290.857
Yxy	23.9442, 0.2082, 0.1781
Android (android.graphics.Color)	4284776428 (0xFF647FEC)
YUV	131.3530, 51.5910, -27.4966
Hunter-Lab	48.9328, 16.4537, -65.7135

Details

The Hex color **647FEC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **ECD164**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A0B3FF**, and **1B4FB3** is the 20% darker color. If you saturate the color by 10%, you get **4C6CEC**, and if you desaturate by 10%, it is **7C92EC**.

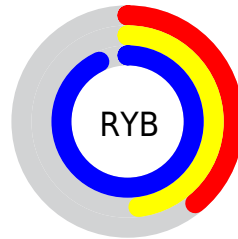
Distribution



Red (39%)

Green (50%)

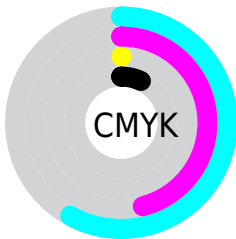
Blue (93%)



Red (39%)

Yellow (48%)

Blue (93%)

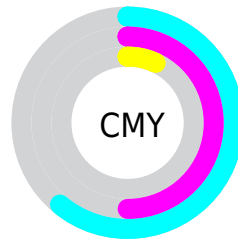


Cyan (58%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647FEC 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 647FEC by changing the saturation by 10% instead.

 647FEC

 647FEC

FFFFFF

 4466CF

 A0B3FF

 1B4FB3

 BECFFF

 003898

 DCEBFF

 00247E

 FAFFFF

 001164

 00054B

 000433

 00021D

 000000

■ 647FEC

■ 647FEC

■ 4C6CEC

■ 7C92EC

■ 3559EC

■ 93A5EC

■ 1D46EC

■ ABB8EC

■ 0633EC

■ C2CBEC

■ 002FEC

■ DADEEC

■ F2F0EC

■ FFFFEC

Harmonies

Analogous

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



0091F1



647FEC



B766CB

Triad

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



647FEC



D46732



009E73

Complementary

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



647FEC



ECD164

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.



34993D



647FEC



AE7E02

Square

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



647FEC



E65363



7C8F09



009FAB

Rectangle

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



647FEC



D557AB



7C8F09



009D61

Sweetspot

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



647FEC



D4DCFF



64ECD1



666B80



000000



808080

Same Dimension

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



647FEC



4F72FF



8D64EC



6A6C75



0024B5



000B36

Inverse Universe

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



EC647F



FF4F72



C3EC64



756A6C



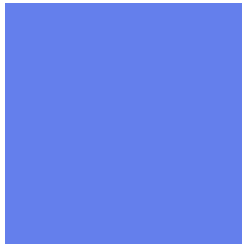
B50024



36000B

Previews

White Background



This preview shows how the Hex color 647FEC 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

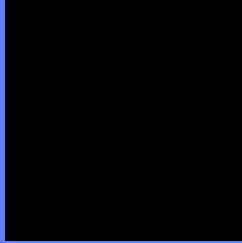
Any Text WCAG AA ✓ Pass

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 647FEC Background



This preview shows how black text looks on a background with the Hex color 647FEC.




This preview shows how white text looks on a background with the Hex color 647FEC.

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](#).

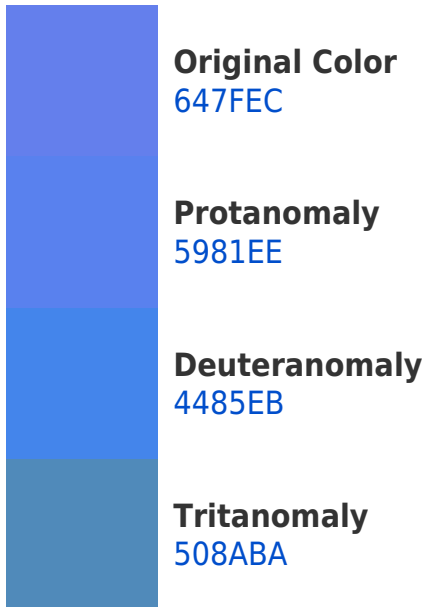
Dichromacy





Tritanopia
44919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 647FEC 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 #647FEC looks like.

```
.text, #text, p{  
    color:#647FEC  
}
```

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 #647FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647FEC
}
```

Border

The CSS property to change the border of an element to Hex 647FEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

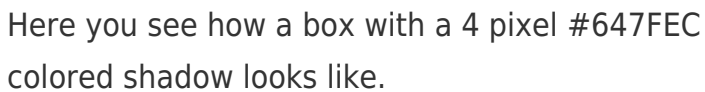
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#647FEC }
```

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

```
.border{ border-color:#647FEC }
```

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



Here you see how a box with a 4 pixel #647FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647FEC; -webkit-box-shadow:4px 4px  
4px 4px #647FEC; box-shadow:4px 4px 4px  
4px #647FEC }
```

Background

The CSS property to change the background color of an element to Hex 647FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647FEC }
```

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

```
.background{ background-color:#647FEC }
```

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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