

Converting Colors

Hex(645EE7)

Have a look what the booklet for
Hex(645EE7) contains.

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Color

Hex(645EE7)

Conversions

Conversions Part 1

Format	Color
Hex	645EE7
RGB	100, 94, 231
RGB Percent	39%, 37%, 91%
CMY	0.6078, 0.6314, 0.0941
CMYK	0.57, 0.59, 0.00, 0.09
HSL	243°, 74%, 64%
HSV	243°, 59%, 91%
XYZ	23.6820, 16.4843, 77.5349
YIQ	111.4120, -40.4010, 43.8790

Conversions

Conversions Part 2

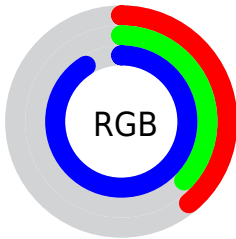
Format	Color
R_{YB}	100, 94, 231
Decimal	6577895
CIE _{Lab}	47.60, 40.47, -68.94
CIE _{LCh}	48, 79.940, 300.418
Yxy	16.4843, 0.2012, 0.1401
Android (android.graphics.Color)	4284767975 (0xFF645EE7)
YUV	111.4120, 58.9569, -10.0083
Hunter-Lab	40.6008, 33.0658, -84.8049

Details

The Hex color **645EE7** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **E1E75E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A191FF**, and **182FAE** is the 20% darker color. If you saturate the color by 10%, you get **4E47E7**, and if you desaturate by 10%, it is **7A75E7**.

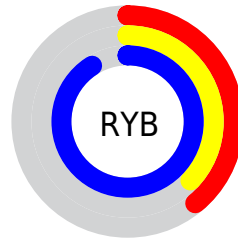
Distribution



Red (39%)

Green (37%)

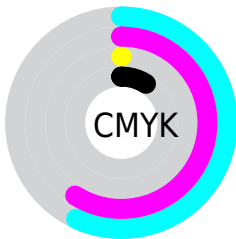
Blue (91%)



Red (39%)

Yellow (37%)

Blue (91%)

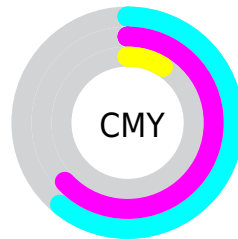


Cyan (57%)

Magenta (59%)

Yellow (0%)

Black (9%)



Cyan (61%)

Magenta (63%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645EE7 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 645EE7 by changing the saturation by 10% instead.

■ 645EE7

■ 645EE7

FFFFFF

■ 4346CA

■ A191FF

■ 182FAE

■ BFACFF

■ 001A93

■ DDC7FF

■ 000778

■ FBE3FF

■ 00005F

■ 000846

■ 00042F

■ 000119

■ 000000

■ 645EE7

■ 645EE7

■ 4E47E7

■ 7A75E7

■ 3830E7

■ 908CE7

■ 2219E7

■ A6A3E7

■ 0C02E7

■ BCBAE7

■ 0A00E7

■ D2D2E7

■ E9E9E7

■ FFFFE7

Harmonies

Analogous

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



007AFA



645EE7



BF2FB5

Triad

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



645EE7



BC5100



008C70

Complementary

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



645EE7



E1E75E

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.



008826



645EE7



896F00

Square

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



645EE7



DC1F31



438000



008DB4

Rectangle

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



645EE7



DA008A



438000



008B58

Sweetspot

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



645EE7



D3D1FF



5EE2E7



656380



000000



808080

Same Dimension

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



645EE7



524AFF



A75EE7



686773



0800B3



020033

Inverse Universe

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



E75EE1



FF4AF7



9EE75E



736772



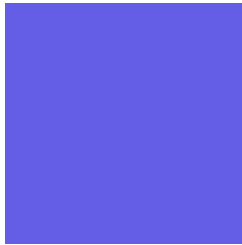
B300AB



330031

Previews

White Background



This preview shows how the Hex color 645EE7 looks on a white background.

Color Contrast Check

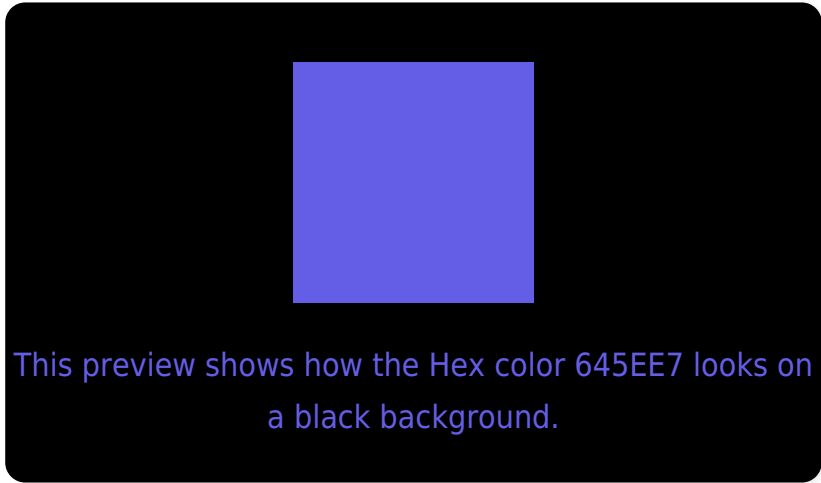
Large Text (above 18pt) WCAG AA ✓ Pass

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

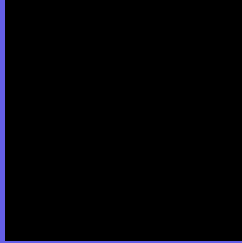
Any Text WCAG AA × Fail

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 645EE7 Background



This preview shows how black text looks on a background with the Hex color 645EE7.

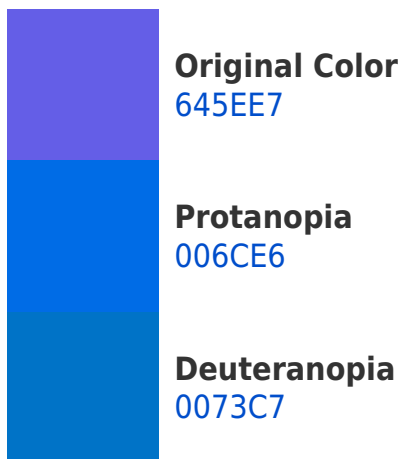


This preview shows how white text looks on a background with the Hex color 645EE7.

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](#).

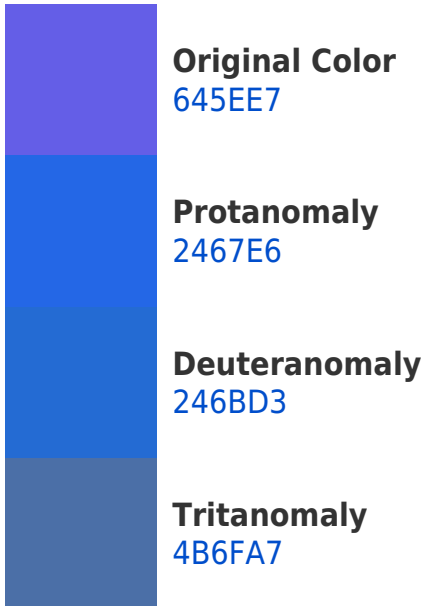
Dichromacy





Tritanopia
3D7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 645EE7 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 #645EE7 looks like.

```
.text, #text, p{  
    color:#645EE7  
}
```

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 #645EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645EE7
}
```

Border

The CSS property to change the border of an element to Hex 645EE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

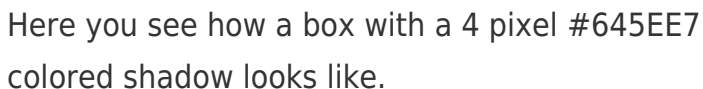
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645EE7 }
```

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

```
.border{ border-color:#645EE7 }
```

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



Here you see how a box with a 4 pixel #645EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645EE7; -webkit-box-shadow:4px 4px  
4px 4px #645EE7; box-shadow:4px 4px 4px  
4px #645EE7 }
```

Background

The CSS property to change the background color of an element to Hex 645EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645EE7 }
```

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

```
.background{ background-color:#645EE7 }
```

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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