

Converting Colors

Hex(645EC1)

Have a look what the booklet for
Hex(645EC1) contains.

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Color

Hex(645EC1)

Conversions

Conversions Part 1

Format	Color
Hex	645EC1
RGB	100, 94, 193
RGB Percent	39%, 37%, 76%
CMY	0.6078, 0.6314, 0.2431
CMYK	0.48, 0.51, 0.00, 0.24
HSL	244°, 44%, 56%
HSV	244°, 51%, 76%
XYZ	18.8839, 14.5650, 52.2681
YIQ	107.0800, -28.2030, 32.0610

Conversions

Conversions Part 2

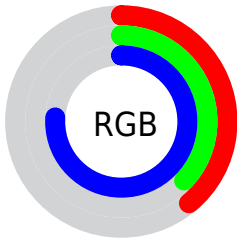
Format	Color
R_{YB}	100, 94, 193
Decimal	6577857
CIE _{Lab}	45.03, 28.69, -51.37
CIE _{LCh}	45, 58.837, 299.179
Yxy	14.5650, 0.2203, 0.1699
Android (android.graphics.Color)	4284767937 (0xFF645EC1)
YUV	107.0800, 42.3586, -6.2092
Hunter-Lab	38.1641, 21.5359, -54.4865

Details

The Hex color **645EC1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **BBC15E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9C91FA**, and **29308B** is the 20% darker color. If you saturate the color by 10%, you get **524BC1**, and if you desaturate by 10%, it is **7671C1**.

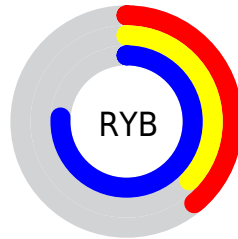
Distribution



Red (39%)

Green (37%)

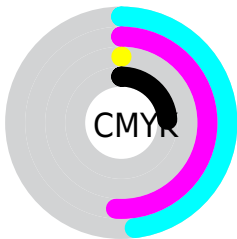
Blue (76%)



Red (39%)

Yellow (37%)

Blue (76%)

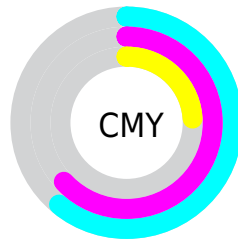


Cyan (48%)

Magenta (51%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (63%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645EC1 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 645EC1 by changing the saturation by 10% instead.

■ 645EC1

■ 645EC1

FFFFFF

■ 4846A5

■ 9C91FA

■ 29308B

■ B9ABFF

■ 001B71

■ D6C6FF

■ 000657

■ F3E2FF

■ 00013F

■ 000328

■ 000112

■ 000000

■ 645EC1

■ 645EC1

■ 524BC1

■ 7671C1

■ 4037C1

■ 8885C1

■ 2E24C1

■ 9A98C1

■ 1B11C1

■ ADABC1

■ 0C00C1

■ BFBFC1

■ D1D2C1

■ E3E5C1

■ F5F8C1

■ FFFFC1

Harmonies

Analogous

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



0071CD



645EC1



A3459E

Triad

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



645EC1



A7540E



008068

Complementary

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



645EC1



BBC15E

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.



007D35



645EC1



826800

Square

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



645EC1



BD3D3E



517500



008099

Rectangle

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



645EC1



B9377E



517500



008056

Sweetspot

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



645EC1



D7D4FA



5EBCC1



68667D



FCFCFC



7D7D7D

Same Dimension

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



645EC1



685FFA



945EC1



585761



0A00A1



020021

Inverse Universe

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



C15EBB



FA5FF1



8BC15E



615760



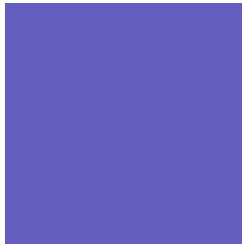
A10097



21001F

Previews

White Background



This preview shows how the Hex color 645EC1 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

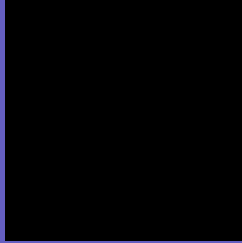
Any Text WCAG AA × Fail

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 645EC1 Background



This preview shows how black text looks on a background with the Hex color 645EC1.

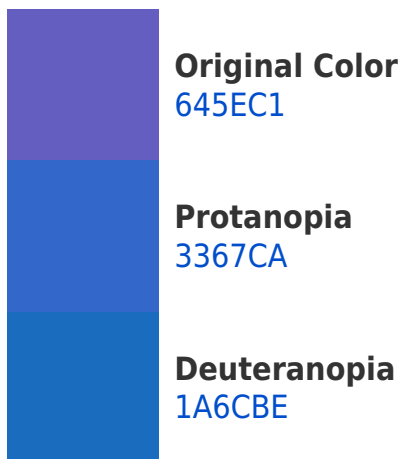


This preview shows how white text looks on a background with the Hex color 645EC1.

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](#).

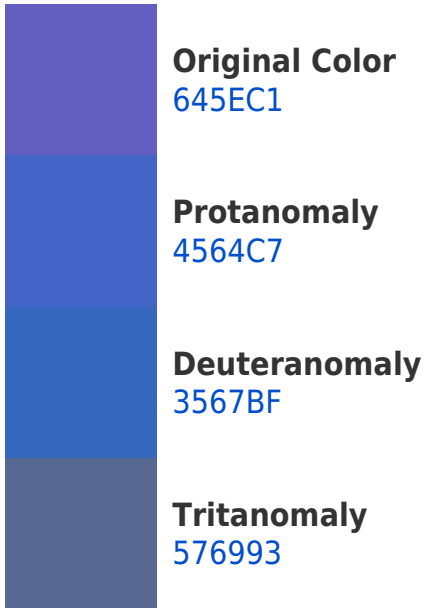
Dichromacy





Tritanopia
4F7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 645EC1 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 #645EC1 looks like.

```
.text, #text, p{  
    color:#645EC1  
}
```

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 #645EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645EC1
}
```

Border

The CSS property to change the border of an element to Hex 645EC1 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
#645EC1 }
```

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

```
.border{ border-color:#645EC1 }
```

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

Here you see how a box with a 4 pixel #645EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645EC1; -webkit-box-shadow:4px 4px  
4px 4px #645EC1; box-shadow:4px 4px 4px  
4px #645EC1 }
```

Background

The CSS property to change the background color of an element to Hex 645EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645EC1 }
```

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

```
.background{ background-color:#645EC1 }
```

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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