

Converting Colors

Hex(637CEA)

Have a look what the booklet for
Hex(637CEA) contains.

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Color

Hex(637CEA)

Conversions

Conversions Part 1

Format	Color
Hex	637CEA
RGB	99, 124, 234
RGB Percent	39%, 49%, 92%
CMY	0.6118, 0.5137, 0.0824
CMYK	0.58, 0.47, 0.00, 0.08
HSL	229°, 76%, 65%
HSV	229°, 58%, 92%
XYZ	27.2045, 23.0085, 80.8491
YIQ	129.0650, -50.2100, 28.9100

Conversions

Conversions Part 2

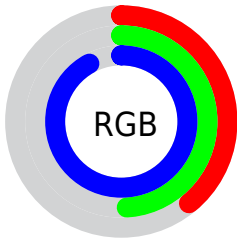
Format	Color
R _Y B	99, 120, 234
Decimal	6520042
CIE Lab	55.08, 23.13, -58.55
CIE LCh	55, 62.956, 291.553
Yxy	23.0085, 0.2076, 0.1756
Android (android.graphics.Color)	4284710122 (0xFF637CEA)
YUV	129.0650, 51.7330, -26.3670
Hunter-Lab	47.9671, 17.2936, -66.3570

Details

The Hex color **637CEA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EAD163**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9FB0FF**, and **194CB1** is the 20% darker color. If you saturate the color by 10%, you get **4C69EA**, and if you desaturate by 10%, it is **7A8FEA**.

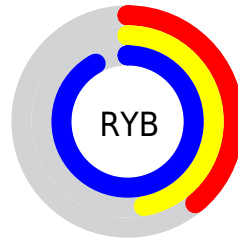
Distribution



Red (39%)

Green (49%)

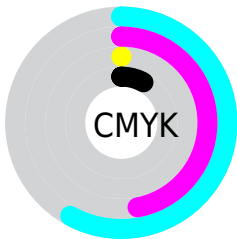
Blue (92%)



Red (39%)

Yellow (47%)

Blue (92%)

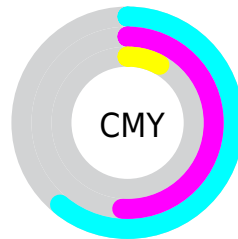


Cyan (58%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637CEA 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 637CEA by changing the saturation by 10% instead.

■ 637CEA

■ 637CEA

FFFFFF

■ 4363CD

■ 9FB0FF

■ 194CB1

■ BDCCFF

■ 003696

■ DBE8FF

■ 00217C

■ F9FFFF

■ 000E62

■ 000749

■ 000432

■ 00011C

■ 000000

■ 637CEA

■ 637CEA

■ 4C69EA

■ 7A8FEA

■ 3456EA

■ 92A2EA

■ 1D43EA

■ A9B5EA

■ 0530EA

■ C1C8EA

■ 002BEA

■ D8DBEA

■ EFEEEA

■ FFFFEA

Harmonies

Analogous

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



008FF0



637CEA



B663C8

Triad

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



637CEA



D1652E



009C72

Complementary

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



637CEA



EAD163

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.



2C973B



637CEA



AB7C00

Square

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



637CEA



E44F5F



788D01



009DAA

Rectangle

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



637CEA



D453A8



788D01



009B5F

Sweetspot

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



637CEA



D4DCFF



63EACF



666B80



000000



808080

Same Dimension

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



637CEA



4F70FF



8B63EA



6A6C75



0022B5



000A36

Inverse Universe

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



EA637C



FF4F70



C2EA63



756A6C



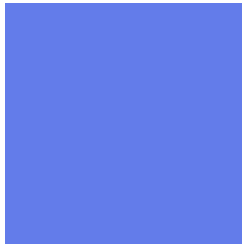
B50022



36000A

Previews

White Background



This preview shows how the Hex color 637CEA looks on a white background.

Color Contrast Check

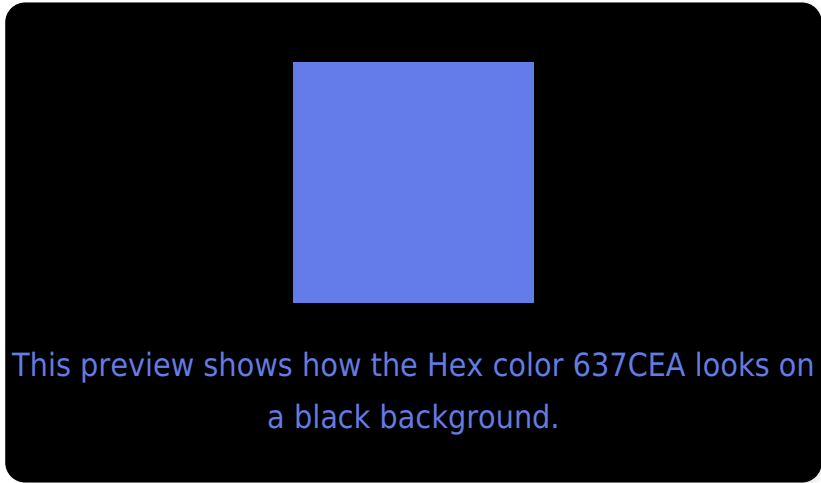
Large Text (above 18pt) WCAG AA ✓ Pass

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

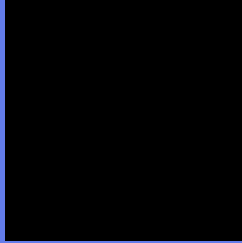
Any Text WCAG AA ✓ Pass

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 637CEA Background



This preview shows how black text looks on a background with the Hex color 637CEA.

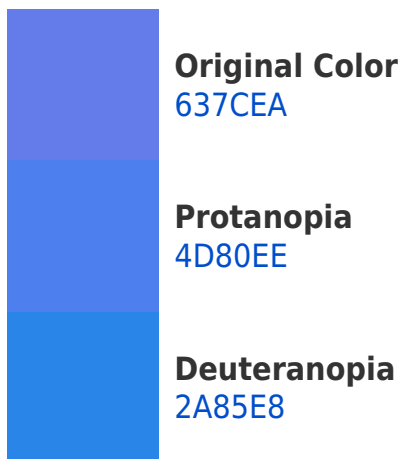


This preview shows how white text looks on a background with the Hex color 637CEA.

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](#).

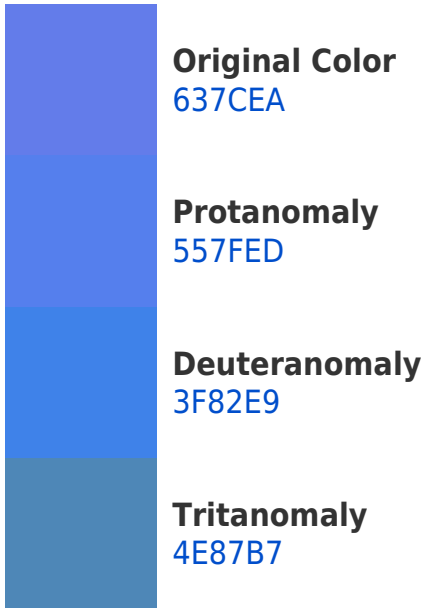
Dichromacy



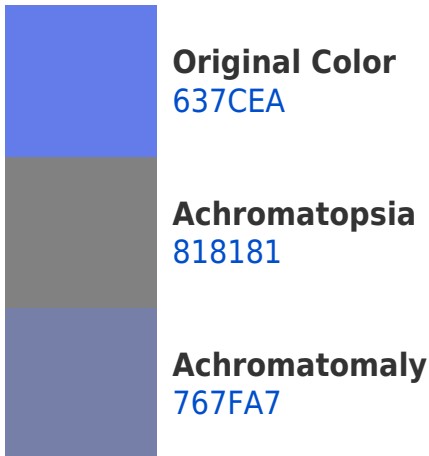


Tritanopia
428E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 637CEA 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 #637CEA looks like.

```
.text, #text, p{  
    color:#637CEA  
}
```

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 #637CEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637CEA
}
```

Border

The CSS property to change the border of an element to Hex 637CEA 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
#637CEA }
```

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

```
.border{ border-color:#637CEA }
```

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

Here you see how a box with a 4 pixel #637CEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637CEA; -webkit-box-shadow:4px 4px  
4px 4px #637CEA; box-shadow:4px 4px 4px  
4px #637CEA }
```

Background

The CSS property to change the background color of an element to Hex 637CEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637CEA }
```

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

```
.background{ background-color:#637CEA }
```

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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