

Converting Colors

Hex(634FCA)

Have a look what the booklet for
Hex(634FCA) contains.

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Color

Hex(634FCA)

Conversions

Conversions Part 1

Format	Color
Hex	634FCA
RGB	99, 79, 202
RGB Percent	39%, 31%, 79%
CMY	0.6118, 0.6902, 0.2078
CMYK	0.51, 0.61, 0.00, 0.21
HSL	250°, 54%, 55%
HSV	250°, 61%, 79%
XYZ	18.6022, 12.5089, 57.3111
YIQ	99.0020, -27.5630, 42.4930

Conversions

Conversions Part 2

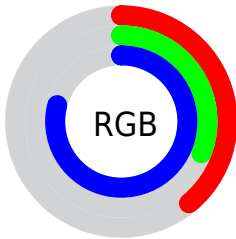
Format	Color
RYB	99, 79, 202
Decimal	6508490
CIELab	42.01, 40.24, -61.46
CIELCh	42, 73.460, 303.215
Yxy	12.5089, 0.2104, 0.1415
Android (android.graphics.Color)	4284698570 (0xFF634FCA)
YUV	99.0020, 50.7780, -0.0018
Hunter-Lab	35.3679, 31.9908, -71.3176

Details

The Hex color **634FCA** 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 **B6CA4F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9D81FF**, and **222193** is the 20% darker color. If you saturate the color by 10%, you get **523BCA**, and if you desaturate by 10%, it is **7463CA**.

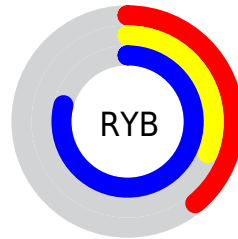
Distribution



Red (39%)

Green (31%)

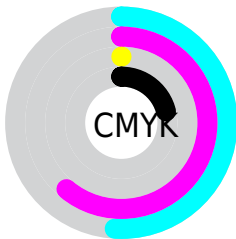
Blue (79%)



Red (39%)

Yellow (31%)

Blue (79%)

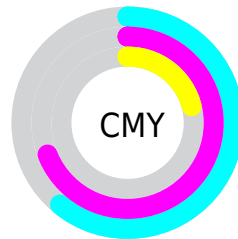


Cyan (51%)

Magenta (61%)

Yellow (0%)

Black (21%)



Cyan (61%)

Magenta (69%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634FCA 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 634FCA by changing the saturation by 10% instead.

634FCA

634FCA

FFFFFF

4537AE

9D81FF

222193

BA9BFF

000A78

D8B7FF

00005F

F5D2FF

000346

FFEFFF

00042F

000119

000000

634FCA

634FCA

■ 523BCA

■ 7463CA

■ 4127CA

■ 8577CA

■ 3012CA

■ 968CCA

■ 2100CA

■ A7A0CA

■ B8B4CA

■ C8C8CA

■ D9DCCA

■ EAF1CA

■ FBFFCA

Harmonies

Analogous

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



006ADE



634FCA



AE229B

Triad

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



634FCA



A34A00



007C68

Complementary

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



634FCA



B6CA4F

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.



007927



634FCA



746300

Square

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



634FCA



C21E24



327200



007CA5

Rectangle

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



634FCA



C40074



327200



007B53

Sweetspot

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



634FCA



D9D1FF



4FB8CA



686380



000000



808080

Same Dimension

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



634FCA



6345FF



9F4FCA



5D5C66



1B00A6



060026

Inverse Universe

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



CA4FB6



FF45E1



7ACA4F



665C64



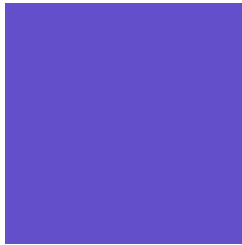
A6008B



260020

Previews

White Background



This preview shows how the Hex color 634FCA 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

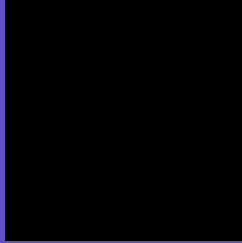
Any Text WCAG AA × Fail

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 634FCA Background



This preview shows how black text looks on a background with the Hex color 634FCA.

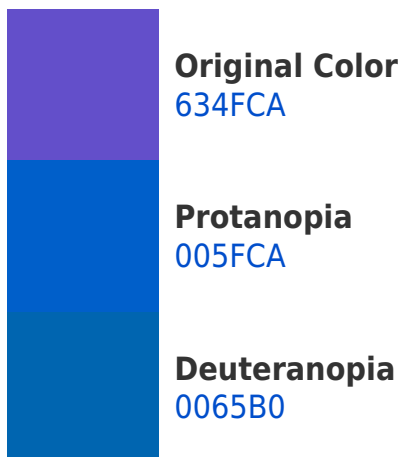



This preview shows how white text looks on a background with the Hex color 634FCA.

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](#).

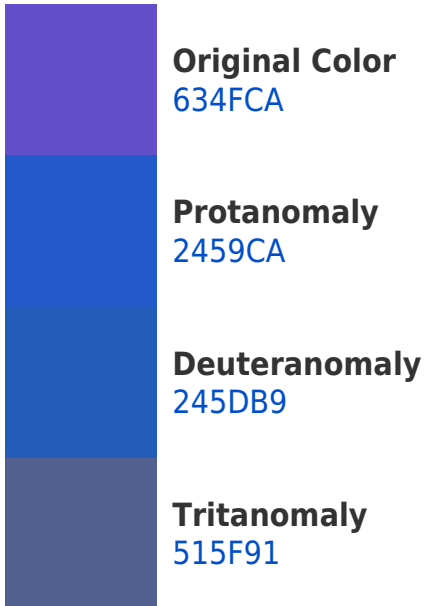
Dichromacy



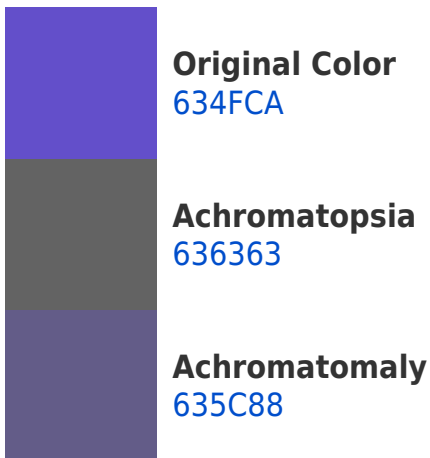


Tritanopia
476871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 634FCA 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 #634FCA looks like.

```
.text, #text, p{  
  color:#634FCA  
}
```

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 #634FCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634FCA
}
```

Border

The CSS property to change the border of an element to Hex 634FCA 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
#634FCA }
```

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

```
.border{ border-color:#634FCA }
```

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

Here you see how a box with a 4 pixel #634FCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634FCA; -webkit-box-shadow:4px 4px  
4px 4px #634FCA; box-shadow:4px 4px 4px  
4px #634FCA }
```

Background

The CSS property to change the background color of an element to Hex 634FCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634FCA }
```

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

```
.background{ background-color:#634FCA }
```

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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