

Converting Colors

Hex(634CC2)

Have a look what the booklet for
Hex(634CC2) contains.

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Color

Hex(634CC2)

Conversions

Conversions Part 1

Format	Color
Hex	634CC2
RGB	99, 76, 194
RGB Percent	39%, 30%, 76%
CMY	0.6118, 0.7020, 0.2392
CMYK	0.49, 0.61, 0.00, 0.24
HSL	252°, 49%, 53%
HSV	252°, 61%, 76%
XYZ	17.4676, 11.7166, 52.3798
YIQ	96.3290, -24.1700, 41.5740

Conversions

Conversions Part 2

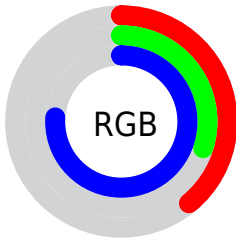
Format	Color
RYB	99, 76, 194
Decimal	6507714
CIELab	40.76, 39.61, -58.84
CIElCh	41, 70.933, 303.945
Yxy	11.7166, 0.2142, 0.1436
Android (android.graphics.Color)	4284697794 (0xFF634CC2)
YUV	96.3290, 48.1518, 2.3425
Hunter-Lab	34.2295, 31.1887, -66.7682

Details

The Hex color **634CC2** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **ABC24C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9C7EFB**, and **251E8B** is the 20% darker color. If you saturate the color by 10%, you get **5339C2**, and if you desaturate by 10%, it is **735FC2**.

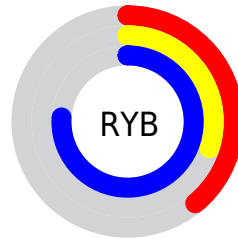
Distribution



Red (39%)

Green (30%)

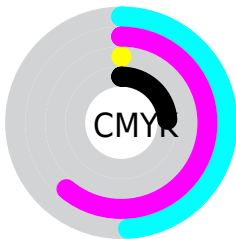
Blue (76%)



Red (39%)

Yellow (30%)

Blue (76%)

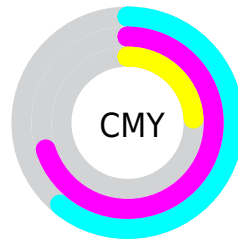


Cyan (49%)

Magenta (61%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (70%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634CC2 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 634CC2 by changing the saturation by 10% instead.

634CC2

634CC2

FFFFFF

4634A6

9C7EFB

251E8B

B998FF

000771

D6B3FF

000058

F4CFFF

00073F

FFEBFF

000329

000112

000000

634CC2

634CC2

5339C2

735FC2

4425C2

8273C2

3412C2

9286C2

2600C2

A19AC2

B1ADC2

C1C0C2

D0D4C2

E0E7C2

F0FBC2

Harmonies

Analogous

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



0066D6



634CC2



A92294

Triad

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



634CC2



9C4800



007867

Complementary

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



634CC2



ABC24C

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.



007528



634CC2



6F6000

Square

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



634CC2



BB2122



2F6E00



0078A0

Rectangle

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



634CC2



BE006F



2F6E00



007752

Sweetspot

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



634CC2



D8CFFC



4CACC2



696380



000000



808080

Same Dimension

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



634CC2



6844FC



9D4CC2



595761



1F00A1



060021

Inverse Universe

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



C24CAB



FC44D9



71C24C



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 634CC2 looks on a white background.

Color Contrast Check

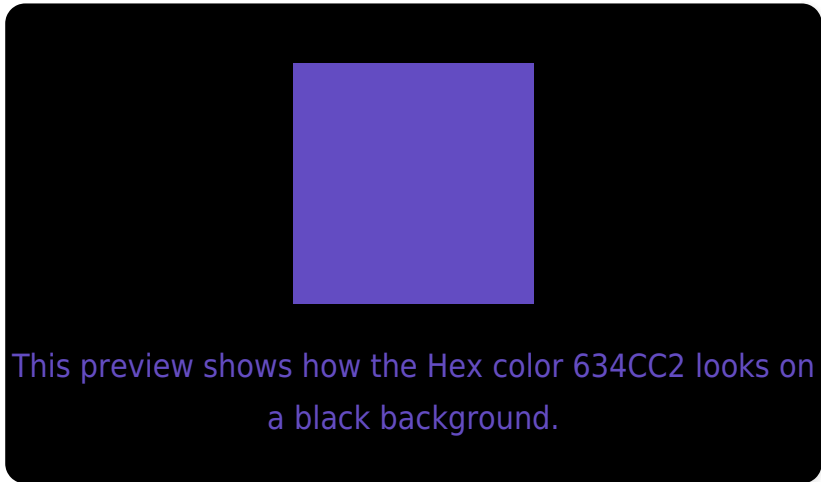
Large Text (above 18pt) WCAG AA ✓ Pass

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

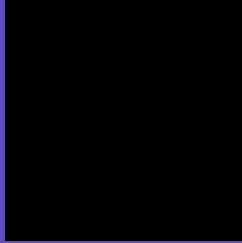
Any Text WCAG AA × Fail

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 634CC2 Background



This preview shows how black text looks on a background with the Hex color 634CC2.

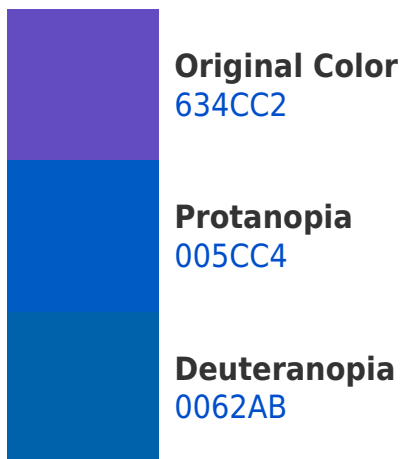



This preview shows how white text looks on a background with the Hex color 634CC2.

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
4A646C

Trichromacy



Original Color
634CC2



Protanomaly
2456C3



Deuteranomaly
245AB3



Tritanomaly
535B8B

Monochromacy



Original Color
634CC2



Achromatopsia
606060



Achromatomaly
615984

CSS Examples

Text

The CSS property to change the color of the text to Hex 634CC2 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 #634CC2 looks like.

```
.text, #text, p{  
    color:#634CC2  
}
```

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 #634CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634CC2
}
```

Border

The CSS property to change the border of an element to Hex 634CC2 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".

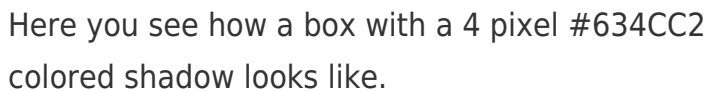
```
.border, #border, table{ border:4px solid
#634CC2 }
```

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

```
.border{ border-color:#634CC2 }
```

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

Here you see how a box with a 4 pixel #634CC2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634CC2; -webkit-box-shadow:4px 4px  
4px 4px #634CC2; box-shadow:4px 4px 4px  
4px #634CC2 }
```

Background

The CSS property to change the background color of an element to Hex 634CC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634CC2 }
```

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

```
.background{ background-color:#634CC2 }
```

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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