

Converting Colors

Hex(634BC0)

Have a look what the booklet for
Hex(634BC0) contains.

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Color

Hex(634BC0)

Conversions

Conversions Part 1

Format	Color
Hex	634BC0
RGB	99, 75, 192
RGB Percent	39%, 29%, 75%
CMY	0.6118, 0.7059, 0.2471
CMYK	0.48, 0.61, 0.00, 0.25
HSL	252°, 48%, 52%
HSV	252°, 61%, 75%
XYZ	17.1761, 11.4906, 51.1818
YIQ	95.5140, -23.2530, 41.4750

Conversions

Conversions Part 2

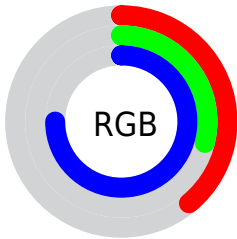
Format	Color
R_{YB}	99, 75, 192
Decimal	6507456
CIE _{Lab}	40.39, 39.60, -58.27
CIE _{LCh}	40, 70.457, 304.199
Yxy	11.4906, 0.2151, 0.1439
Android (android.graphics.Color)	4284697536 (0xFF634BC0)
YUV	95.5140, 47.5676, 3.0572
Hunter-Lab	33.8977, 31.1254, -65.7928

Details

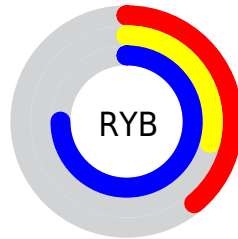
The Hex color **634BC0** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **A8C04B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9C7DF9**, and **261D89** is the 20% darker color. If you saturate the color by 10%, you get **5438C0**, and if you desaturate by 10%, it is **725EC0**.

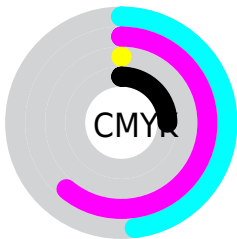
Distribution



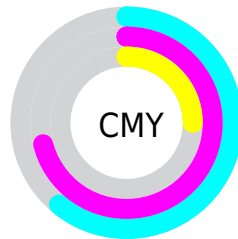
- Red (39%)
- Green (29%)
- Blue (75%)



- Red (39%)
- Yellow (29%)
- Blue (75%)



- Cyan (48%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634BC0 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 634BC0 by changing the saturation by 10% instead.

634BC0

634BC0

FFFFFF

4633A4

9C7DF9

261D89

B997FF

00066F

D6B2FF

000056

F4CEFF

00063E

FFEAFF

000327

000110

000000

634BC0

634BC0

■ 5438C0

■ 725EC0

■ 4425C0

■ 8271C0

■ 3511C0

■ 9185C0

■ 2700C0

■ A098C0

■ AFABC0

■ BFBEC0

■ CED1C0

■ DDE5C0

■ ECF8C0

Harmonies

Analogous

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



0065D4



634BC0



A82193

Triad

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



634BC0



9B4800



007766

Complementary

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



634BC0



A8C04B

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.



007428



634BC0



6E6000

Square

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



634BC0



B92122



2E6D00



00779F

Rectangle

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



634BC0



BC006D



2E6D00



007652

Sweetspot

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



634BC0



D6CDFA



4BA9C0



67617D



FCFCFC



7D7D7D

Same Dimension

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



634BC0



6943FA



9D4BC0



595761



2100A1



070021

Inverse Universe

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



C04BA8



FA43D4



6EC04B



61575F



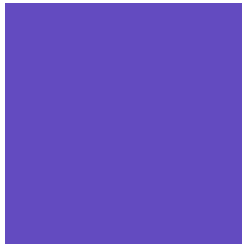
A10080



21001A

Previews

White Background



This preview shows how the Hex color 634BC0 looks on a white background.

Color Contrast Check

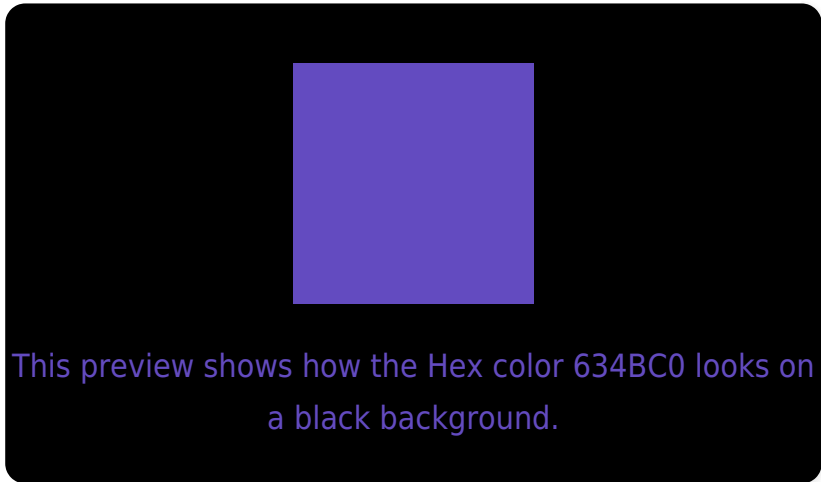
Large Text (above 18pt) WCAG AA ✓ Pass

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

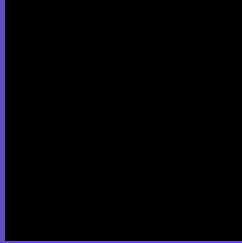
Any Text WCAG AA × Fail

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 634BC0 Background



This preview shows how black text looks on a background with the Hex color 634BC0.

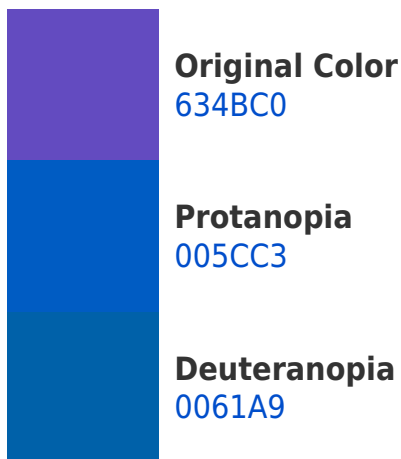



This preview shows how white text looks on a background with the Hex color 634BC0.

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](#).

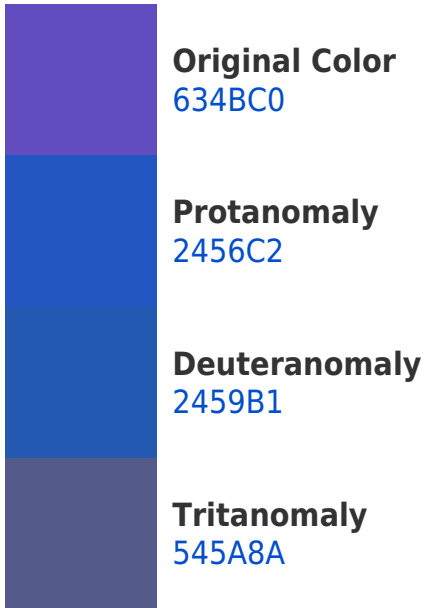
Dichromacy





Tritanopia
4B636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 634BC0 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 #634BC0 looks like.

```
.text, #text, p{  
    color:#634BC0  
}
```

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 #634BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634BC0  
}
```

Border

The CSS property to change the border of an element to Hex 634BC0 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  
#634BC0 }
```

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

```
.border{ border-color:#634BC0 }
```

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

Here you see how a box with a 4 pixel #634BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634BC0; -webkit-box-shadow:4px 4px  
4px 4px #634BC0; box-shadow:4px 4px 4px  
4px #634BC0 }
```

Background

The CSS property to change the background color of an element to Hex 634BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634BC0 }
```

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

```
.background{ background-color:#634BC0 }
```

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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