

Converting Colors

Hex(5634C1)

Have a look what the booklet for
Hex(5634C1) contains.

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Color

Hex(5634C1)

Conversions

Conversions Part 1

Format	Color
Hex	5634C1
RGB	86, 52, 193
RGB Percent	34%, 20%, 76%
CMY	0.6627, 0.7961, 0.2431
CMYK	0.55, 0.73, 0.00, 0.24
HSL	254°, 58%, 48%
HSV	254°, 73%, 76%
XYZ	14.6914, 8.2847, 51.2769
YIQ	78.2400, -24.9970, 51.0590

Conversions

Conversions Part 2

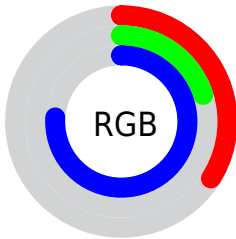
Format	Color
R _Y B	86, 52, 193
Decimal	5649601
CIE Lab	34.57, 50.37, -68.42
CIE LCh	35, 84.955, 306.360
Yxy	8.2847, 0.1979, 0.1116
Android (android.graphics.Color)	4283839681 (0xFF5634C1)
YUV	78.2400, 56.5767, 6.8055
Hunter-Lab	28.7831, 40.7390, -85.4765

Details

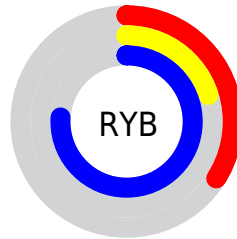
The Hex color **5634C1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **9FC134**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9266FB**, and **01008A** is the 20% darker color. If you saturate the color by 10%, you get **4721C1**, and if you desaturate by 10%, it is **6547C1**.

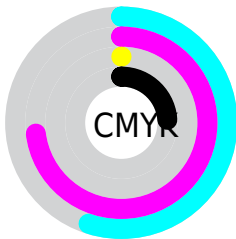
Distribution



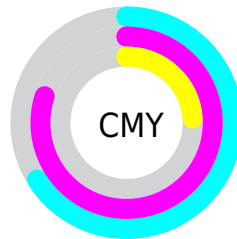
- Red (34%)
- Green (20%)
- Blue (76%)



- Red (34%)
- Yellow (20%)
- Blue (76%)



- Cyan (55%)
- Magenta (73%)
- Yellow (0%)
- Black (24%)



- Cyan (66%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5634C1 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 5634C1 by changing the saturation by 10% instead.

■ 5634C1

■ 5634C1

FFFFFF

■ 351BA5

■ 9266FB

■ 01008A

■ AF80FF

■ 000070

■ CD9BFF

■ 000056

■ EBB6FF

■ 00063E

■ FFD2FF

■ 000327

■ FFEFFF

■ 000111

■ 000000

■ 5634C1

■ 5634C1

■ 4721C1

■ 6547C1

■ 390DC1

■ 735BC1

■ 2F00C1

■ 826EC1

■ 9181C1

■ 9F94C1

■ AEA8C1

■ BDBBC1

■ CBCEC1

■ DAE2C1

Harmonies

Analogous

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



0058DC



5634C1



A80089

Triad

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



5634C1



8D3600



006A5F

Complementary

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



5634C1



9FC134

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.



006712



5634C1



575400

Square

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



5634C1



B30000



006100



006AA2

Rectangle

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



5634C1



BC005D



006100



006947

Sweetspot

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



5634C1



D0C3FA



34A0C1



645C7D



FCFCFC



7D7D7D

Same Dimension

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



5634C1



531EFA



9B34C1



5A5761



2700A1



080021

Inverse Universe

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



C1349F



FA1EC5



5AC134



61575F



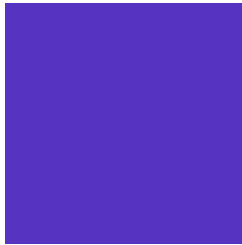
A1007A



210019

Previews

White Background



This preview shows how the Hex color 5634C1 looks on a white background.

Color Contrast Check

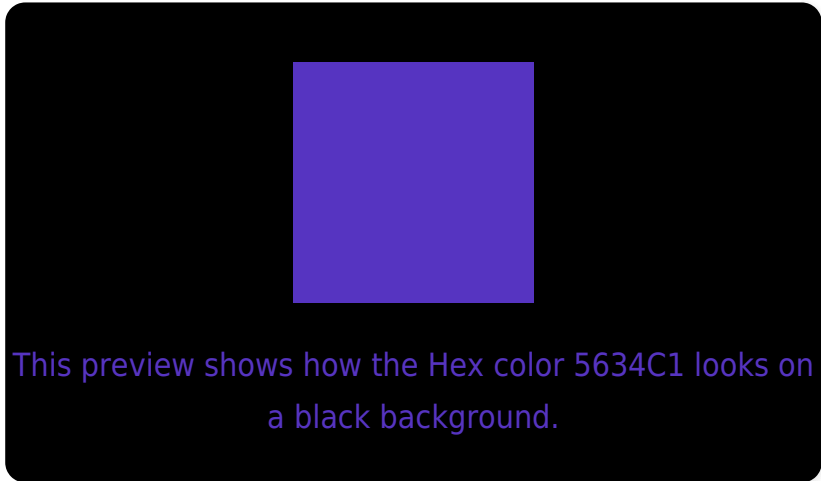
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

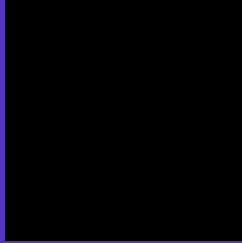
Any Text WCAG AA × Fail

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 5634C1 Background



This preview shows how black text looks on a background with the Hex color 5634C1.

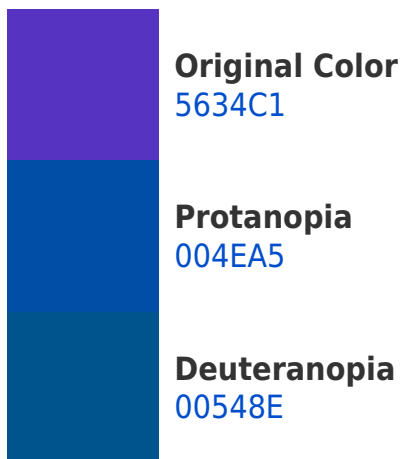


This preview shows how white text looks on a background with the Hex color 5634C1.

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



Trichromacy



Original Color
5634C1



Protanomaly
1F45AF



Deuteranomaly
1F48A1



Tritanomaly
3F4A82

Monochromacy



Original Color
5634C1



Achromatopsia
4E4E4E



Achromatomaly
514578

CSS Examples

Text

The CSS property to change the color of the text to Hex 5634C1 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 #5634C1 looks like.

```
.text, #text, p{  
    color:#5634C1  
}
```

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 #5634C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5634C1
}
```

Border

The CSS property to change the border of an element to Hex 5634C1 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
#5634C1 }
```

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

```
.border{ border-color:#5634C1 }
```

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

Here you see how a box with a 4 pixel #5634C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5634C1; -webkit-box-shadow:4px 4px  
4px 4px #5634C1; box-shadow:4px 4px 4px  
4px #5634C1 }
```

Background

The CSS property to change the background color of an element to Hex 5634C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5634C1 }
```

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

```
.background{ background-color:#5634C1 }
```

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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