

Converting Colors

Hex(5334CB)

Have a look what the booklet for
Hex(5334CB) contains.

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Color

Hex(5334CB)

Conversions

Conversions Part 1

Format	Color
Hex	5334CB
RGB	83, 52, 203
RGB Percent	33%, 20%, 80%
CMY	0.6745, 0.7961, 0.2039
CMYK	0.59, 0.74, 0.00, 0.20
HSL	252°, 59%, 50%
HSV	252°, 74%, 80%
XYZ	15.5748, 8.6068, 57.3403
YIQ	78.4830, -29.9950, 53.5330

Conversions

Conversions Part 2

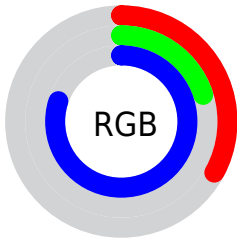
Format	Color
R _Y B	83, 52, 203
Decimal	5453003
CIE Lab	35.22, 52.85, -73.21
CIE LCh	35, 90.290, 305.828
Yxy	8.6068, 0.1911, 0.1056
Android (android.graphics.Color)	4283643083 (0xFF5334CB)
YUV	78.4830, 61.3869, 3.9614
Hunter-Lab	29.3373, 43.4228, -95.3473

Details

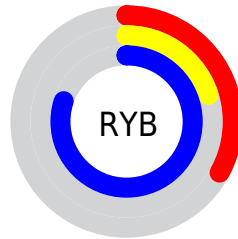
The Hex color **5334CB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **ACCB34**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9166FF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **4320CB**, and if you desaturate by 10%, it is **6348CB**.

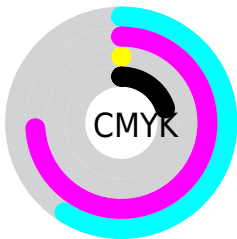
Distribution



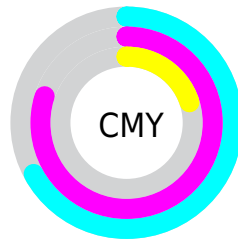
- Red (33%)
- Green (20%)
- Blue (80%)



- Red (33%)
- Yellow (20%)
- Blue (80%)



- Cyan (59%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5334CB 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 5334CB by changing the saturation by 10% instead.

■ 5334CB

■ 5334CB

FFFFFF

■ 301BAF

■ 9166FF

■ 000093

■ AF80FF

■ 000079

■ CD9BFF

■ 00005F

■ EBB6FF

■ 000846

■ FFD2FF

■ 00042F

■ FFEFFF

■ 000119

■ 000000

■ 5334CB

■ 5334CB

■ 4320CB

■ 6348CB

■ 330BCB

■ 735DCB

■ 2A00CB

■ 8371CB

■ 9485CB

■ A49ACB

■ B4AECB

■ C4C2CB

■ D4D6CB

■ E4EBCB

Harmonies

Analogous

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



005BE7



5334CB



AE0090

Triad

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



5334CB



923500



006C60

Complementary

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



5334CB



ACCB34

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.



00690A



5334CB



5A5500

Square

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



5334CB



BA0000



006400



006DA7

Rectangle

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



5334CB



C40060



006400



006B46

Sweetspot

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



5334CB



D2C7FF



34ADCB



655E80



000000



808080

Same Dimension

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



5334CB



4B1CFF



9E34CB



5E5C66



2200A6



080026

Inverse Universe

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



CB34AC



FF1CD0



61CB34



665C64



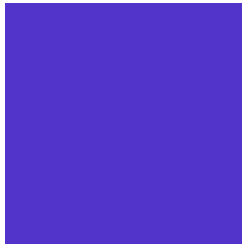
A60084



26001E

Previews

White Background



This preview shows how the Hex color 5334CB 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

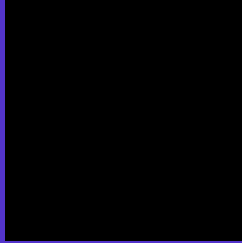
Any Text WCAG AA × Fail

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 5334CB Background



This preview shows how black text looks on a background with the Hex color 5334CB.

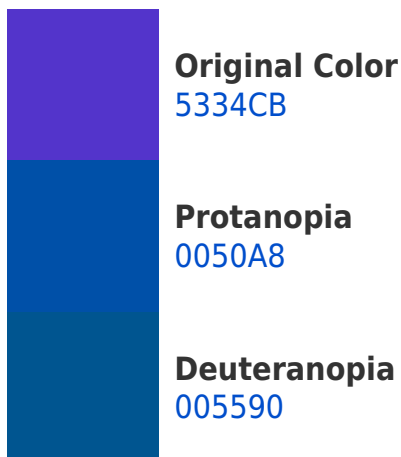



This preview shows how white text looks on a background with the Hex color 5334CB.

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
245A61

Trichromacy



Original Color
5334CB



Protanomaly
1E46B5



Deuteranomaly
1E49A5



Tritanomaly
354C88

Monochromacy



Original Color
5334CB



Achromatopsia
4E4E4E



Achromatomaly
50457B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5334CB 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 #5334CB looks like.

```
.text, #text, p{  
    color:#5334CB  
}
```

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 #5334CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5334CB
}
```

Border

The CSS property to change the border of an element to Hex 5334CB 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
#5334CB }
```

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

```
.border{ border-color:#5334CB }
```

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

Here you see how a box with a 4 pixel #5334CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5334CB; -webkit-box-shadow:4px 4px  
4px 4px #5334CB; box-shadow:4px 4px 4px  
4px #5334CB }
```

Background

The CSS property to change the background color of an element to Hex 5334CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5334CB }
```

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

```
.background{ background-color:#5334CB }
```

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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