

Converting Colors

Hex(4335C0)

Have a look what the booklet for
Hex(4335C0) contains.

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Color

Hex(4335C0)

Conversions

Conversions Part 1

Format	Color
Hex	4335C0
RGB	67, 53, 192
RGB Percent	26%, 21%, 75%
CMY	0.7373, 0.7922, 0.2471
CMYK	0.65, 0.72, 0.00, 0.25
HSL	246°, 57%, 48%
HSV	246°, 72%, 75%
XYZ	13.1023, 7.5453, 50.6350
YIQ	73.0320, -36.2750, 46.1970

Conversions

Conversions Part 2

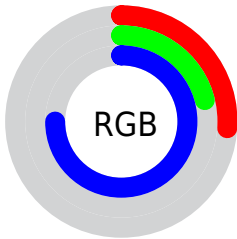
Format	Color
R_{YB}	67, 53, 192
Decimal	4404672
CIE _{Lab}	33.02, 47.01, -70.44
CIE _{LCh}	33, 84.683, 303.718
Yxy	7.5453, 0.1838, 0.1059
Android (android.graphics.Color)	4282594752 (0xFF4335C0)
YUV	73.0320, 58.6512, -5.2901
Hunter-Lab	27.4687, 37.0726, -90.0656

Details

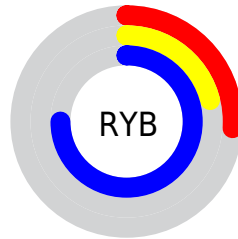
The Hex color **4335C0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B2C035**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8266FA**, and **000689** is the 20% darker color. If you saturate the color by 10%, you get **3222C0**, and if you desaturate by 10%, it is **5448C0**.

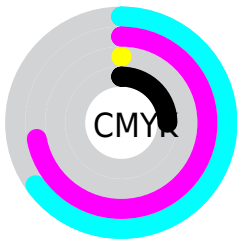
Distribution



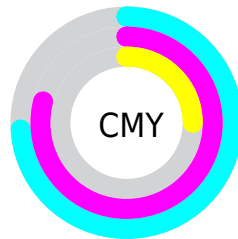
- Red (26%)
- Green (21%)
- Blue (75%)



- Red (26%)
- Yellow (21%)
- Blue (75%)



- Cyan (65%)
- Magenta (72%)
- Yellow (0%)
- Black (25%)



- Cyan (74%)
- Magenta (79%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4335C0 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 4335C0 by changing the saturation by 10% instead.

■ 4335C0

■ 4335C0

FFFFFF

■ 191EA4

■ 8266FA

■ 000689

■ A07FFF

■ 00006F

■ BE9AFF

■ 000055

■ DCB5FF

■ 00063D

■ FAD1FF

■ 000326

■ FFEDFF

■ 00010F

■ 000000

■ 4335C0

■ 4335C0

■ 3222C0

■ 5448C0

■ 200FC0

■ 665BC0

■ 1300C0

■ 776FC0

■ 8882C0

■ 9995C0

■ ABA8C0

■ BCBBC0

■ CDCFC0

■ DEE2C0

Harmonies

Analogous

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



0056D8



4335C0



9F008A

Triad

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



4335C0



8C2F00



006555

Complementary

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



4335C0



B2C035

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.



006302



4335C0



594F00

Square

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



4335C0



B00005



005D00



006698

Rectangle

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



4335C0



B5005F



005D00



00653D

Sweetspot

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



4335C0



C8C3FA



35B2C0



605C7D



FCFCFC



7D7D7D

Same Dimension

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



4335C0



3620FA



8835C0



585761



1000A1



030021

Inverse Universe

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



C035B2



FA20E4



6DC035



615760



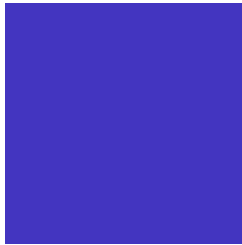
A10090



21001E

Previews

White Background



This preview shows how the Hex color 4335C0 looks on a white background.

Color Contrast Check

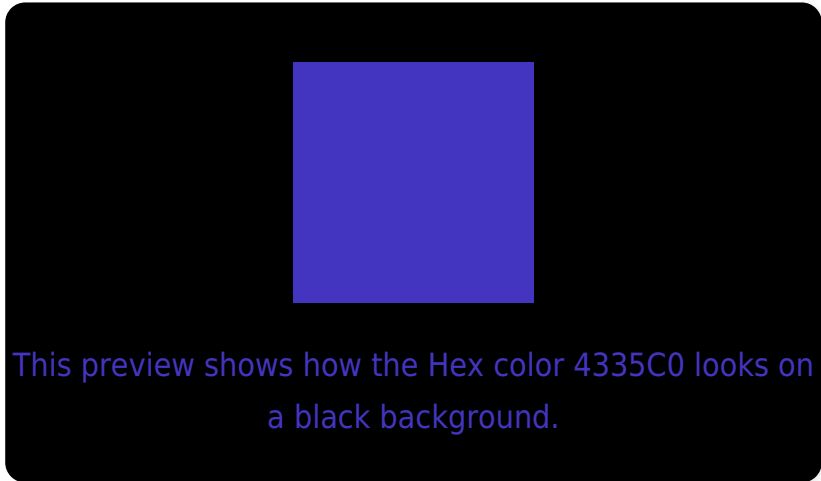
Large Text (above 18pt) WCAG AA ✓ Pass

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

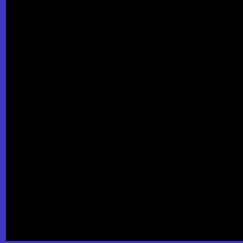
Any Text WCAG AA × Fail

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 4335C0 Background



This preview shows how black text looks on a background with the Hex color 4335C0.




This preview shows how white text looks on a background with the Hex color 4335C0.

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](#).

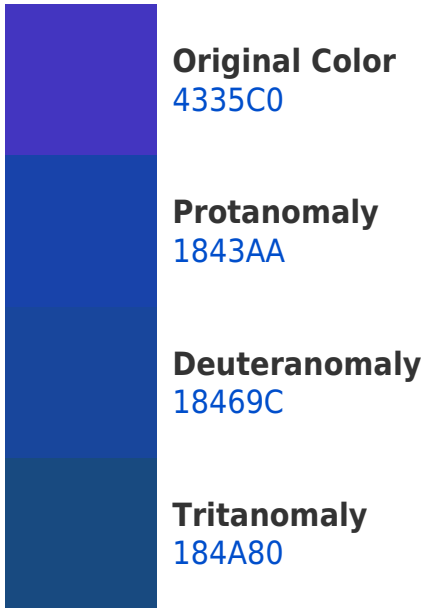
Dichromacy





Tritanopia
00565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4335C0 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 #4335C0 looks like.

```
.text, #text, p{  
    color:#4335C0  
}
```

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 #4335C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4335C0  
}
```

Border

The CSS property to change the border of an element to Hex 4335C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

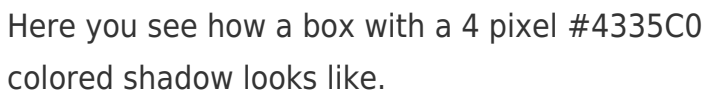
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4335C0 }
```

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

```
.border{ border-color:#4335C0 }
```

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



Here you see how a box with a 4 pixel #4335C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4335C0; -webkit-box-shadow:4px 4px  
4px 4px #4335C0; box-shadow:4px 4px 4px  
4px #4335C0 }
```

Background

The CSS property to change the background color of an element to Hex 4335C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4335C0 }
```

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

```
.background{ background-color:#4335C0 }
```

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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