

Converting Colors

Hex(4341CE)

Have a look what the booklet for
Hex(4341CE) contains.

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Color

Hex(4341CE)

Conversions

Conversions Part 1

Format	Color
Hex	4341CE
RGB	67, 65, 206
RGB Percent	26%, 25%, 81%
CMY	0.7373, 0.7451, 0.1922
CMYK	0.67, 0.68, 0.00, 0.19
HSL	241°, 59%, 53%
HSV	241°, 68%, 81%
XYZ	15.3456, 9.4301, 59.4039
YIQ	81.6720, -44.0690, 44.2750

Conversions

Conversions Part 2

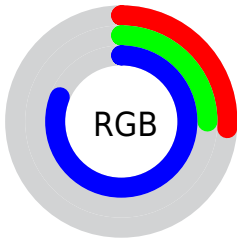
Format	Color
R _{YB}	67, 65, 206
Decimal	4407758
CIE _{Lab}	36.80, 44.68, -72.39
CIE _{LCh}	37, 85.066, 301.681
Yxy	9.4301, 0.1823, 0.1120
Android (android.graphics.Color)	4282597838 (0xFF4341CE)
YUV	81.6720, 61.2937, -12.8673
Hunter-Lab	30.7085, 35.4600, -93.1973

Details

The Hex color **4341CE** 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 **CCCE41**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8472FF**, and **001496** is the 20% darker color. If you saturate the color by 10%, you get **2F2CCE**, and if you desaturate by 10%, it is **5756CE**.

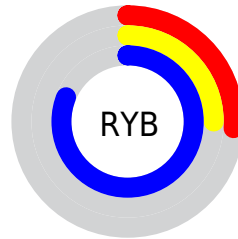
Distribution



Red (26%)

Green (25%)

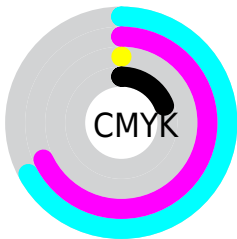
Blue (81%)



Red (26%)

Yellow (25%)

Blue (81%)

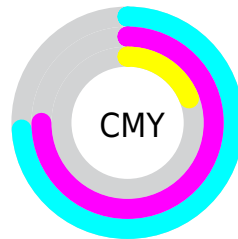


Cyan (67%)

Magenta (68%)

Yellow (0%)

Black (19%)



Cyan (74%)

Magenta (75%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4341CE 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 4341CE by changing the saturation by 10% instead.

 4341CE

 4341CE

FFFFFF

 152AB2

 8472FF

 001496

 A28CFF

 00027C

 C0A6FF

 000062

 DFC2FF

 000949

 FDDEFF

 000431

 FFFBFF

 00011B

 000000

 4341CE

 4341CE

■ 2F2CCE

■ 5756CE

■ 1A18CE

■ 6C6ACE

■ 0603CE

■ 807FCE

■ 0300CE

■ 9493CE

■ A9A8CE

■ BDBDCE

■ D1D1CE

■ E5E6CE

■ FAFACE

Harmonies

Analogous

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



0060E3



4341CE



A60099

Triad

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



4341CE



9B3500



006F59

Complementary

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



4341CE



CCCE41

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.



006C03



4341CE



675600

Square

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



4341CE



BE0013



116600



00709E

Rectangle

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



4341CE



C0006D



116600



006F41

Sweetspot

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



4341CE



CAC9FF



41CECE



606080



000000



808080

Same Dimension

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



4341CE



312EFF



8841CE



5C5C66



0200A6



010026

Inverse Universe

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



CE41CC



FF2EFC



88CE41



665C66



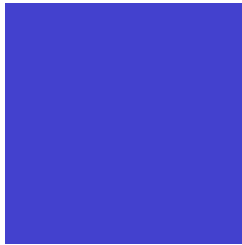
A600A3



260026

Previews

White Background



This preview shows how the Hex color 4341CE looks on a white background.

Color Contrast Check

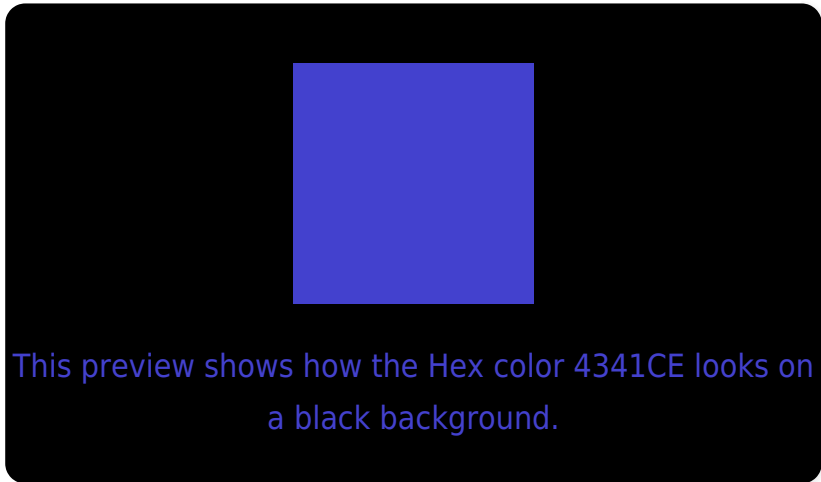
Large Text (above 18pt) WCAG AA ✓ Pass

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

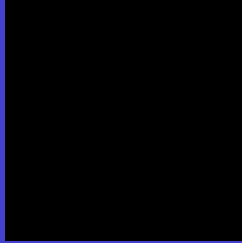
Any Text WCAG AA × Fail

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 4341CE Background



This preview shows how black text looks on a background with the Hex color 4341CE.

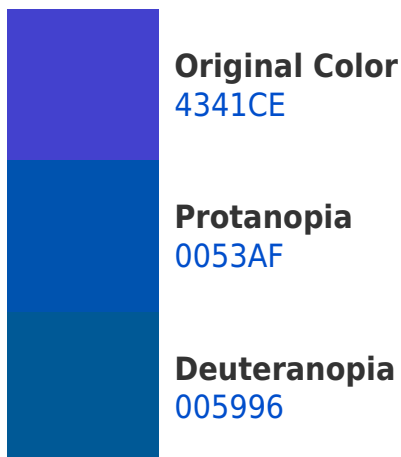


This preview shows how white text looks on a background with the Hex color 4341CE.

Color Blindness Simulation

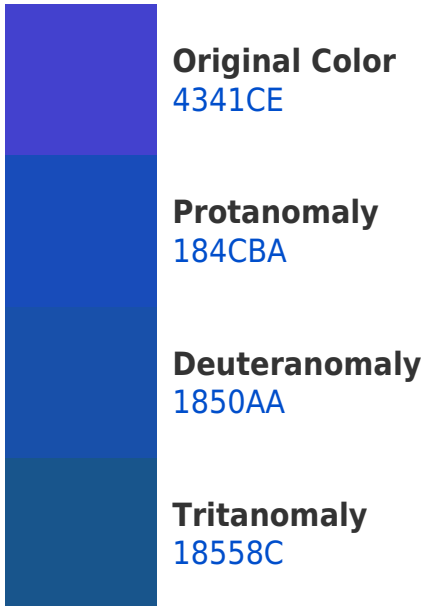
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

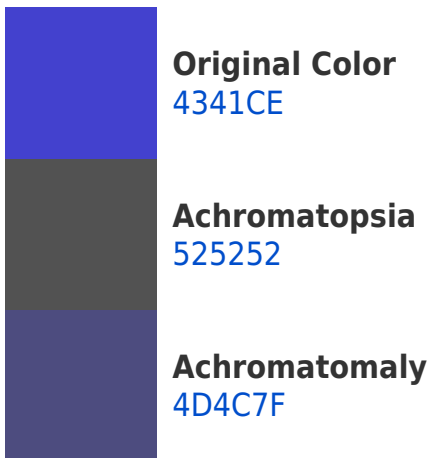




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4341CE 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 #4341CE looks like.

```
.text, #text, p{  
    color:#4341CE  
}
```

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 #4341CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4341CE
}
```

Border

The CSS property to change the border of an element to Hex 4341CE 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
#4341CE }
```

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

```
.border{ border-color:#4341CE }
```

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

Here you see how a box with a 4 pixel #4341CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4341CE; -webkit-box-shadow:4px 4px  
4px 4px #4341CE; box-shadow:4px 4px 4px  
4px #4341CE }
```

Background

The CSS property to change the background color of an element to Hex 4341CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4341CE }
```

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

```
.background{ background-color:#4341CE }
```

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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