

Converting Colors

Hex(4143CA)

Have a look what the booklet for
Hex(4143CA) contains.

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Color

Hex(4143CA)

Conversions

Conversions Part 1

Format	Color
Hex	4143CA
RGB	65, 67, 202
RGB Percent	25%, 26%, 79%
CMY	0.7451, 0.7373, 0.2078
CMYK	0.68, 0.67, 0.00, 0.21
HSL	239°, 56%, 52%
HSV	239°, 68%, 79%
XYZ	14.8478, 9.4024, 56.9094
YIQ	81.7920, -44.5270, 41.5610

Conversions

Conversions Part 2

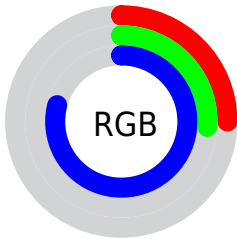
Format	Color
R _Y B	65, 67, 202
Decimal	4277194
CIE Lab	36.75, 41.92, -70.16
CIE LCh	37, 81.730, 300.860
Yxy	9.4024, 0.1829, 0.1159
Android (android.graphics.Color)	4282467274 (0xFF4143CA)
YUV	81.7920, 59.2625, -14.7266
Hunter-Lab	30.6633, 32.7725, -88.5746

Details

The Hex color **4143CA** 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 **CAC841**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8174FF**, and **001793** is the 20% darker color. If you saturate the color by 10%, you get **2D2FCA**, and if you desaturate by 10%, it is **5557CA**.

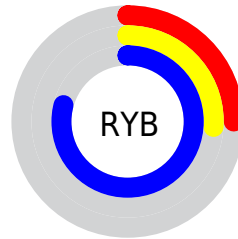
Distribution



Red (25%)

Green (26%)

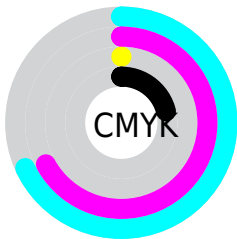
Blue (79%)



Red (25%)

Yellow (26%)

Blue (79%)

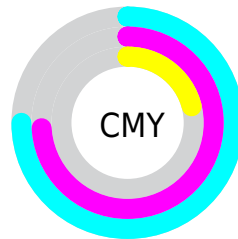


Cyan (68%)

Magenta (67%)

Yellow (0%)

Black (21%)



Cyan (75%)

Magenta (74%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4143CA 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 4143CA by changing the saturation by 10% instead.

■ 4143CA

■ 4143CA

FFFFFF

■ 122CAE

■ 8174FF

■ 001793

■ 9F8EFF

■ 000478

■ BDA8FF

■ 00005E

■ DCC4FF

■ 000846

■ FAE0FF

■ 00042E

■ FFFCFF

■ 000119

■ 000000

■ 4143CA

■ 4143CA

■ 2D2FCA

■ 5557CA

■ 191BCA

■ 696BCA

■ 0407CA

■ 7E7FCA

■ 0003CA

■ 9293CA

■ A6A7CA

■ BABACA

■ CECECA

■ E3E2CA

■ F7F6CA

Harmonies

Analogous

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



0060DD



4143CA



A20098

Triad

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



4143CA



9A3500



006F57

Complementary

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



4143CA



CAC841

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.



006C06



4143CA



695500

Square

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



4143CA



BB0018



1D6500



007099

Rectangle

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



4143CA



BB006E



1D6500



006E3F

Sweetspot

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



4143CA



CCCDFF



41CAC8



616180



000000



808080

Same Dimension

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



4143CA



3033FF



8341CA



5C5C66



0002A6



000126

Inverse Universe

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



CA4143



FF3033



88CA41



665C5C



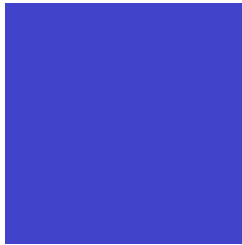
A60002



260001

Previews

White Background



This preview shows how the Hex color 4143CA looks on a white background.

Color Contrast Check

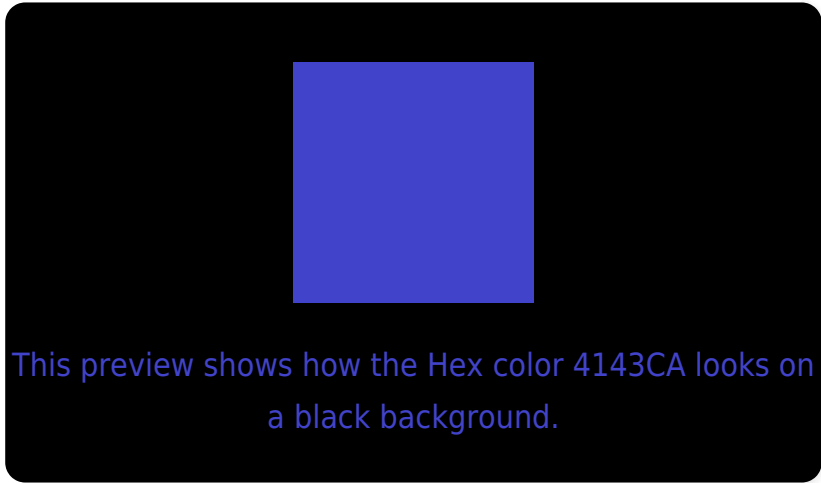
Large Text (above 18pt) WCAG AA ✓ Pass

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

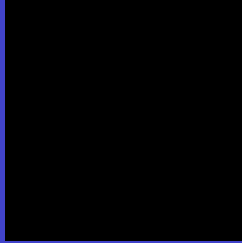
Any Text WCAG AA × Fail

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 4143CA Background



This preview shows how black text looks on a background with the Hex color 4143CA.

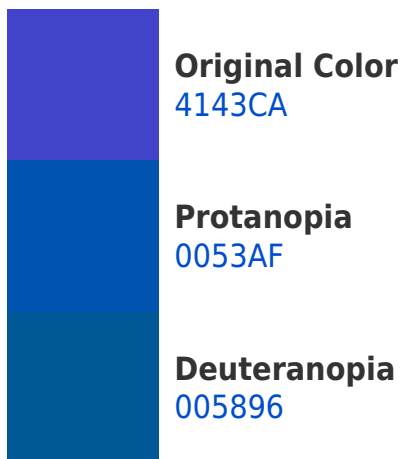


This preview shows how white text looks on a background with the Hex color 4143CA.

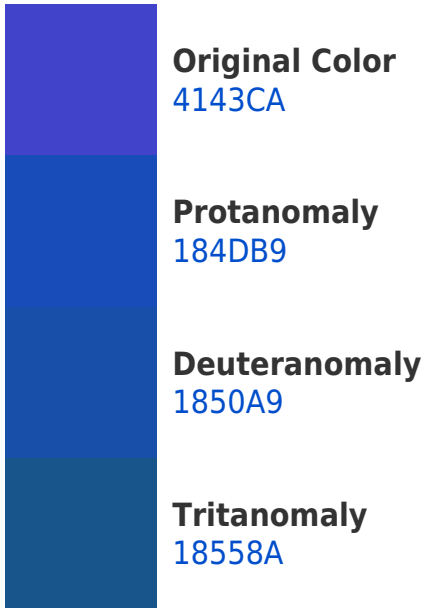
Color Blindness Simulation

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](#).

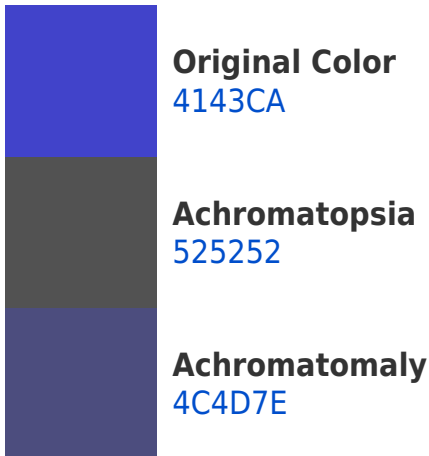
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4143CA 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 #4143CA looks like.

```
.text, #text, p{  
    color:#4143CA  
}
```

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 #4143CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4143CA
}
```

Border

The CSS property to change the border of an element to Hex 4143CA 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
#4143CA }
```

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

```
.border{ border-color:#4143CA }
```

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

Here you see how a box with a 4 pixel #4143CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4143CA; -webkit-box-shadow:4px 4px  
4px 4px #4143CA; box-shadow:4px 4px 4px  
4px #4143CA }
```

Background

The CSS property to change the background color of an element to Hex 4143CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4143CA }
```

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

```
.background{ background-color:#4143CA }
```

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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