

Converting Colors

Hex(4C4CE6)

Have a look what the booklet for
Hex(4C4CE6) contains.

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Color

Hex(4C4CE6)

Conversions

Conversions Part 1

Format	Color
Hex	4C4CE6
RGB	76, 76, 230
RGB Percent	30%, 30%, 90%
CMY	0.7020, 0.7020, 0.0980
CMYK	0.67, 0.67, 0.00, 0.10
HSL	240°, 75%, 60%
HSV	240°, 67%, 90%
XYZ	19.8479, 12.4186, 76.2138
YIQ	93.5560, -49.4340, 47.8940

Conversions

Conversions Part 2

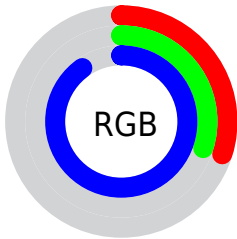
Format	Color
R_{YB}	76, 76, 230
Decimal	5000422
CIE _{Lab}	41.87, 47.18, -77.80
CIE _{LCh}	42, 90.985, 301.237
Yxy	12.4186, 0.1830, 0.1145
Android (android.graphics.Color)	4283190502 (0xFF4C4CE6)
YUV	93.5560, 67.2669, -15.3966
Hunter-Lab	35.2400, 38.8649, -103.5591

Details

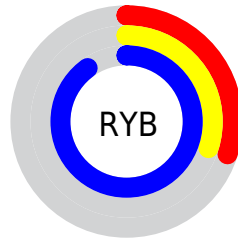
The Hex color **4C4CE6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **E6E64C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8E7EFF**, and **001EAD** is the 20% darker color. If you saturate the color by 10%, you get **3535E6**, and if you desaturate by 10%, it is **6363E6**.

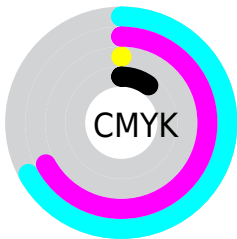
Distribution



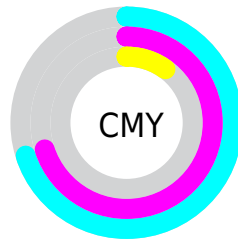
- Red (30%)
- Green (30%)
- Blue (90%)



- Red (30%)
- Yellow (30%)
- Blue (90%)



- Cyan (67%)
- Magenta (67%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4CE6 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 4C4CE6 by changing the saturation by 10% instead.

 4C4CE6

 4C4CE6

FFFFFF

 1F35C9

 8E7EFF

 001EAD

 AD98FF

 000992

 CCB3FF

 000077

 EBCFFF

 00055D

 FFE8FF

 000844

 00032D

 000118

 000000

■ 4C4CE6

■ 4C4CE6

■ 3535E6

■ 6363E6

■ 1E1EE6

■ 7A7AE6

■ 0707E6

■ 9191E6

■ 0000E6

■ A8A8E6

■ BFBFE6

■ D6D6E6

■ EDEDE6

■ FFFFE6

Harmonies

Analogous

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



006EFD



4C4CE6



B900AD

Triad

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



4C4CE6



AF3D00



007E64

Complementary

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



4C4CE6



E6E64C

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.



007B07



4C4CE6



766200

Square

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



4C4CE6



D5001A



1E7300



007FB0

Rectangle

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



4C4CE6



D6007C



1E7300



007D4A

Sweetspot

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



4C4CE6



CCCCFF



4CE6E6



616180



000000



808080

Same Dimension

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



4C4CE6



3333FF



994CE6



676773



0000B3



000033

Inverse Universe

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



E64CE6



FF33FF



99E64C



736773



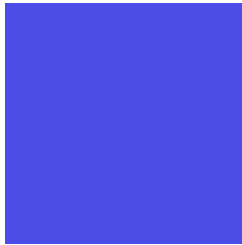
B300B3



330033

Previews

White Background



This preview shows how the Hex color 4C4CE6 looks on a white background.

Color Contrast Check

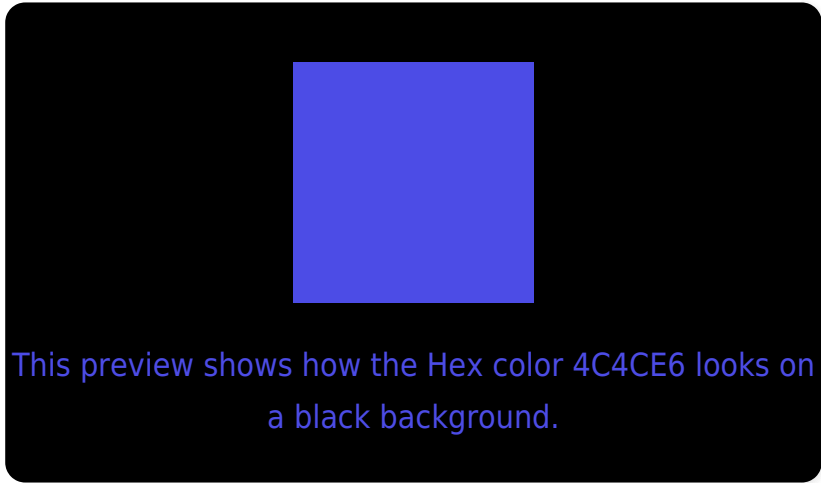
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

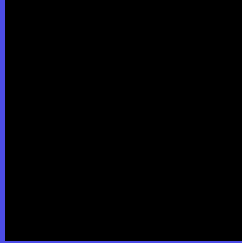
Any Text WCAG AA × Fail

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 4C4CE6 Background



This preview shows how black text looks on a background with the Hex color 4C4CE6.

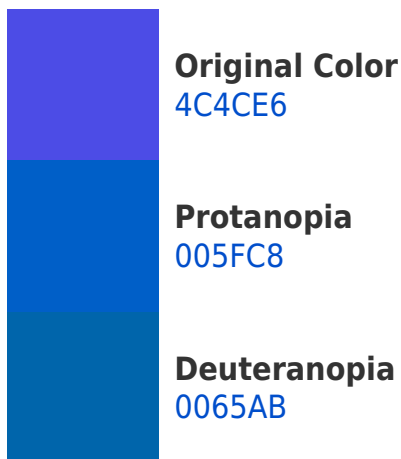


This preview shows how white text looks on a background with the Hex color 4C4CE6.

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
4C4CE6

Protanomaly
1C58D3

Deuteranomaly
1C5CC0

Monochromacy



Original Color
4C4CE6

Achromatopsia
5E5E5E

Achromatomaly
57578F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4CE6 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 #4C4CE6 looks like.

```
.text, #text, p{  
    color:#4C4CE6  
}
```

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 #4C4CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4CE6
}
```

Border

The CSS property to change the border of an element to Hex 4C4CE6 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
#4C4CE6 }
```

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

```
.border{ border-color:#4C4CE6 }
```

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

Here you see how a box with a 4 pixel #4C4CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4CE6; -webkit-box-shadow:4px 4px  
4px 4px #4C4CE6; box-shadow:4px 4px 4px  
4px #4C4CE6 }
```

Background

The CSS property to change the background color of an element to Hex 4C4CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4CE6 }
```

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

```
.background{ background-color:#4C4CE6 }
```

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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