

Converting Colors

Hex(4D7CE9)

Have a look what the booklet for
Hex(4D7CE9) contains.

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Color

Hex(4D7CE9)

Conversions

Conversions Part 1

Format	Color
Hex	4D7CE9
RGB	77, 124, 233
RGB Percent	30%, 49%, 91%
CMY	0.6980, 0.5137, 0.0863
CMYK	0.67, 0.47, 0.00, 0.09
HSL	222°, 78%, 61%
HSV	222°, 67%, 91%
XYZ	24.9762, 21.8763, 79.9969
YIQ	122.3730, -63.0010, 23.9350

Conversions

Conversions Part 2

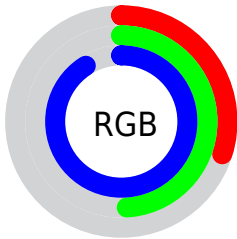
Format	Color
RYB	77, 113, 233
Decimal	5078249
CIELab	53.90, 18.98, -59.96
CIElCh	54, 62.892, 287.569
Yxy	21.8763, 0.1969, 0.1725
Android (android.graphics.Color)	4283268329 (0xFF4D7CE9)
YUV	122.3730, 54.5391, -39.7921
Hunter-Lab	46.7721, 13.4675, -68.6666

Details

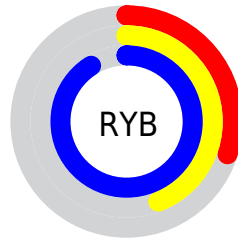
The Hex color **4D7CE9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E9BA4D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8DB0FF**, and **004CB0** is the 20% darker color. If you saturate the color by 10%, you get **366CE9**, and if you desaturate by 10%, it is **648CE9**.

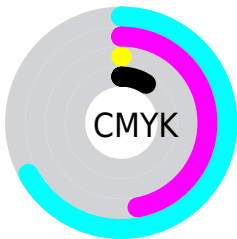
Distribution



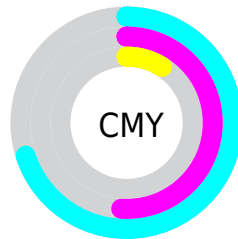
- Red (30%)
- Green (49%)
- Blue (91%)



- Red (30%)
- Yellow (44%)
- Blue (91%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7CE9 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 4D7CE9 by changing the saturation by 10% instead.

 4D7CE9

 4D7CE9

FFFFFF

 2463CC

 8DB0FF

 004CB0

 ABCBFF

 003695

 C9E7FF

 00227B

 E8FFFF

 000E61

 000949

 000431

 00011B

 000000

■ 4D7CE9

■ 4D7CE9

■ 366CE9

■ 648CE9

■ 1E5BE9

■ 7C9DE9

■ 074BE9

■ 93ADE9

■ 0046E9

■ AABDE9

■ C1CDE9

■ D9DEE9

■ F0EEE9

■ FFFEE9

■ FFFFE9

Harmonies

Analogous

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



008EEB



4D7CE9



AB63CB

Triad

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



4D7CE9



D15F31



009868

Complementary

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



4D7CE9



E9BA4D

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.



389331



4D7CE9



AD7600

Square

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



4D7CE9



E14A63



7C8800



009AA0

Rectangle

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



4D7CE9



CC52AB



7C8800



009755

Sweetspot

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



4D7CE9



CCDBFF



4DE9B8



616A80



000000



808080

Same Dimension

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



4D7CE9



3370FF



6A4DE9



6A6D75



0037B5



001036

Inverse Universe

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



E94D7C



FF3370



CCE94D



756A6D



B50037



360010

Previews

White Background



This preview shows how the Hex color 4D7CE9 looks on a white background.

Color Contrast Check

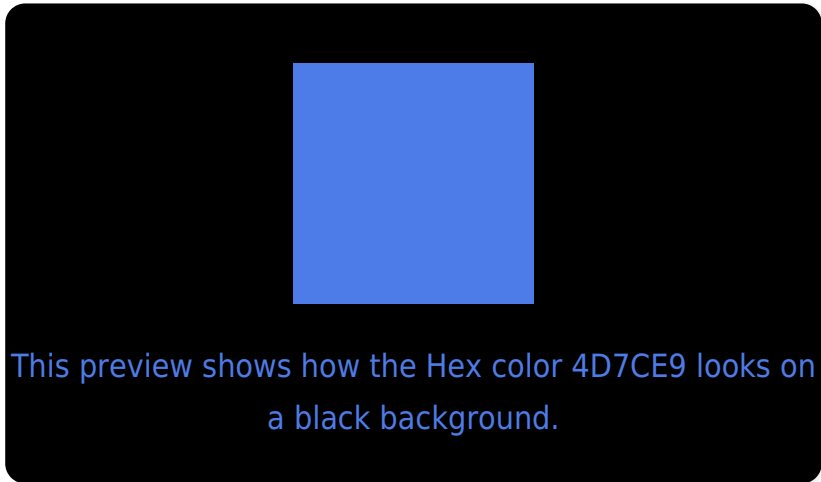
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

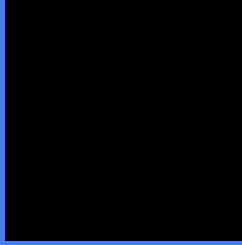
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

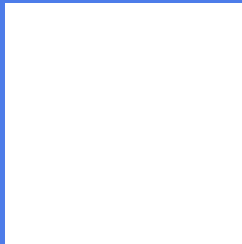
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D7CE9 Background



This preview shows how black text looks on a background with the Hex color 4D7CE9.



This preview shows how white text looks on a background with the Hex color 4D7CE9.

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](#).

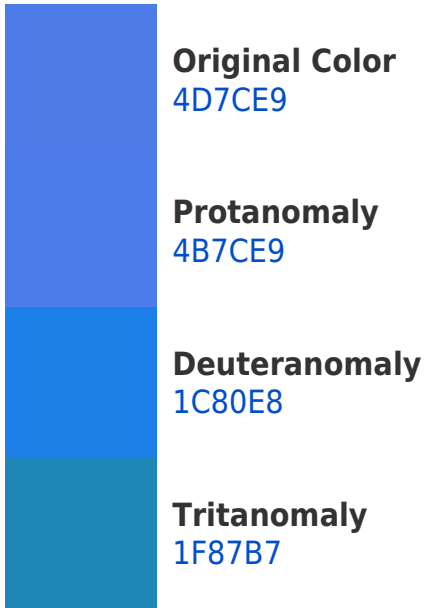
Dichromacy



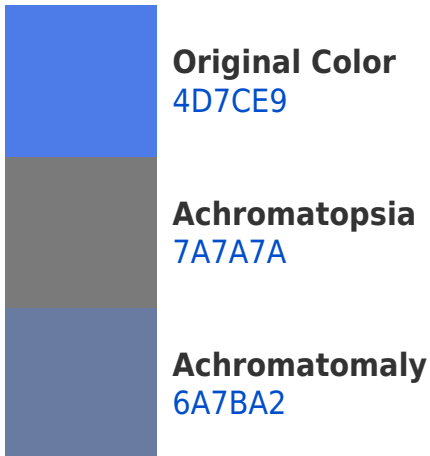


Tritanopia
058E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7CE9 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 #4D7CE9 looks like.

```
.text, #text, p{  
    color:#4D7CE9  
}
```

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 #4D7CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7CE9
}
```

Border

The CSS property to change the border of an element to Hex 4D7CE9 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
#4D7CE9 }
```

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

```
.border{ border-color:#4D7CE9 }
```

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

Here you see how a box with a 4 pixel #4D7CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7CE9; -webkit-box-shadow:4px 4px  
4px 4px #4D7CE9; box-shadow:4px 4px 4px  
4px #4D7CE9 }
```

Background

The CSS property to change the background color of an element to Hex 4D7CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7CE9 }
```

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

```
.background{ background-color:#4D7CE9 }
```

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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