

Converting Colors

Hex(4C4DD6)

Have a look what the booklet for
Hex(4C4DD6) contains.

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Color

Hex(4C4DD6)

Conversions

Conversions Part 1

Format	Color
Hex	4C4DD6
RGB	76, 77, 214
RGB Percent	30%, 30%, 84%
CMY	0.7020, 0.6980, 0.1608
CMYK	0.64, 0.64, 0.00, 0.16
HSL	240°, 63%, 57%
HSV	240°, 64%, 84%
XYZ	17.7720, 11.6993, 64.9398
YIQ	92.3190, -44.5730, 42.3950

Conversions

Conversions Part 2

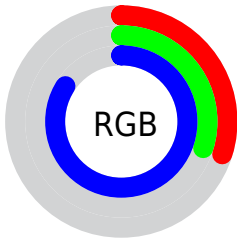
Format	Color
RYB	76, 77, 214
Decimal	5000662
CIELab	40.73, 41.37, -70.53
CIElCh	41, 81.770, 300.393
Yxy	11.6993, 0.1882, 0.1239
Android (android.graphics.Color)	4283190742 (0xFF4C4DD6)
YUV	92.3190, 59.9887, -14.3118
Hunter-Lab	34.2042, 32.8883, -88.6245

Details

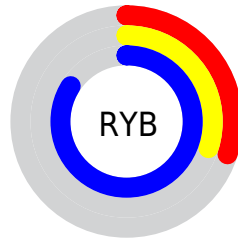
The Hex color **4C4DD6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D6D54C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8B7FFF**, and **00209E** is the 20% darker color. If you saturate the color by 10%, you get **3738D6**, and if you desaturate by 10%, it is **6162D6**.

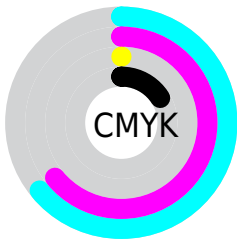
Distribution



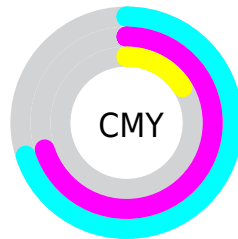
- Red (30%)
- Green (30%)
- Blue (84%)



- Red (30%)
- Yellow (30%)
- Blue (84%)



- Cyan (64%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (70%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4DD6 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 4C4DD6 by changing the saturation by 10% instead.

■ 4C4DD6

■ 4C4DD6

FFFFFF

■ 2536BA

■ 8B7FFF

■ 00209E

■ A999FF

■ 000C83

■ C7B4FF

■ 000069

■ E6CFFF

■ 000950

■ FFECFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 4C4DD6

■ 4C4DD6

■ 3738D6

■ 6162D6

■ 2123D6

■ 7777D6

■ 0C0DD6

■ 8C8DD6

■ 0002D6

■ A2A2D6

■ B7B7D6

■ CCCCDD6

■ E2E2D6

■ F7F7D6

■ FFFFD6

Harmonies

Analogous

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



006AE9



4C4DD6



AD09A4

Triad

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



4C4DD6



A83F00



007A5F

Complementary

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



4C4DD6



D6D54C

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.



007611



4C4DD6



755E00

Square

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



4C4DD6



C80021



2E6F00



007AA3

Rectangle

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



4C4DD6



C70079



2E6F00



007947

Sweetspot

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



4C4DD6



CFCFFF



4CD6D4



626280



000000



808080

Same Dimension

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



4C4DD6



3B3CFF



8F4CD6



60606B



0001AB



00002B

Inverse Universe

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



D64C4D



FF3B3C



93D64C



6B6060



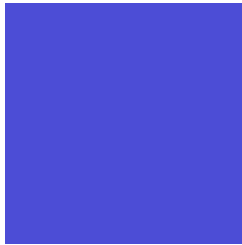
AB0001



2B0000

Previews

White Background



This preview shows how the Hex color 4C4DD6 looks on a white background.

Color Contrast Check

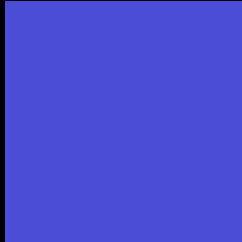
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4C4DD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

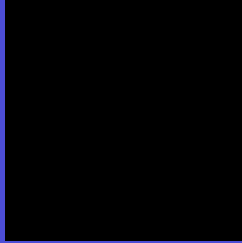
Any Text WCAG AA × Fail

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 4C4DD6 Background



This preview shows how black text looks on a background with the Hex color 4C4DD6.

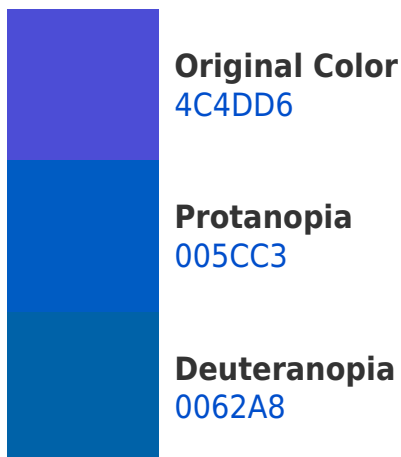


This preview shows how white text looks on a background with the Hex color 4C4DD6.

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
006A72

Trichromacy



Original Color
4C4DD6

Protanomaly
1C57CA

Deuteranomaly
1C5AB9

Tritanomaly
1C5F96

Monochromacy



Original Color
4C4DD6

Achromatopsia
5C5C5C

Achromatomaly
565788

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4DD6 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 #4C4DD6 looks like.

```
.text, #text, p{  
    color:#4C4DD6  
}
```

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 #4C4DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4DD6  
}
```

Border

The CSS property to change the border of an element to Hex 4C4DD6 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  
#4C4DD6 }
```

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

```
.border{ border-color:#4C4DD6 }
```

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

Here you see how a box with a 4 pixel #4C4DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4DD6; -webkit-box-shadow:4px 4px  
4px 4px #4C4DD6; box-shadow:4px 4px 4px  
4px #4C4DD6 }
```

Background

The CSS property to change the background color of an element to Hex 4C4DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4DD6 }
```

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

```
.background{ background-color:#4C4DD6 }
```

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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