

Converting Colors

Hex(4805CD)

Have a look what the booklet for
Hex(4805CD) contains.

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Color

Hex(4805CD)

Conversions

Conversions Part 1

Format	Color
Hex	4805CD
RGB	72, 5, 205
RGB Percent	28%, 2%, 80%
CMY	0.7176, 0.9804, 0.1961
CMYK	0.65, 0.98, 0.00, 0.20
HSL	260°, 95%, 41%
HSV	260°, 98%, 80%
XYZ	13.7462, 5.8940, 58.1708
YIQ	47.8330, -24.2680, 76.4040

Conversions

Conversions Part 2

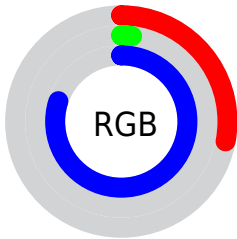
Format	Color
R_{YB}	72, 5, 205
Decimal	4720077
CIE _{Lab}	29.14, 67.87, -84.45
CIE _{LCh}	29, 108.343, 308.787
Yxy	5.8940, 0.1767, 0.0757
Android (android.graphics.Color)	4282910157 (0xFF4805CD)
YUV	47.8330, 77.4833, 21.1945
Hunter-Lab	24.2776, 58.5823, -125.0683

Details

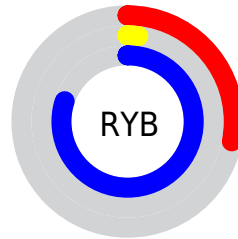
The Hex color **4805CD** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **8ACD05**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8A47FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **4500CD**, and if you desaturate by 10%, it is **561ACD**.

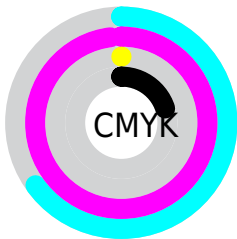
Distribution



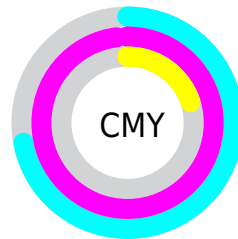
- Red (28%)
- Green (2%)
- Blue (80%)



- Red (28%)
- Yellow (2%)
- Blue (80%)



- Cyan (65%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4805CD 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 4805CD by changing the saturation by 10% instead.

 4805CD

 4805CD

FFFFFF

 1A00B1

 8A47FF

 000095


 A962FF

 00007A

 C87DFF

 000060

 E799FF

 000847

 FFB5FF

 000430

 FFD1FF

 00011A

 FFEEFF

 000000

 4805CD

 4805CD

■ 4500CD

■ 561ACD

■ 632ECD

■ 7142CD

■ 7F57CD

■ 8C6CCD

■ 9A80CD

■ A795CD

■ B5A9CD

■ C3BECD

Harmonies

Analogous

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



004EF4



4805CD



B10084

Triad

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



4805CD



822300



005E5D

Complementary

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



4805CD



8ACD05

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.



005B00



4805CD



3E4A00

Square

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



4805CD



B20000



005700



0060B0

Rectangle

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



4805CD



C5004D



005700



005D3F

Sweetspot

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



4805CD



CEB5FF



058ACD



625380



000000



808080

Same Dimension

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



4805CD



5500FF



AC05CD



5F5C66



3800A6



0D0026

Inverse Universe

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



CD058A



FF00AA



26CD05



665C63



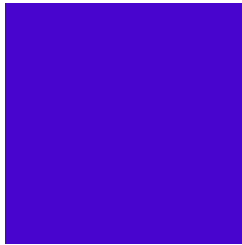
A6006E



260019

Previews

White Background



This preview shows how the Hex color 4805CD looks on a white background.

Color Contrast Check

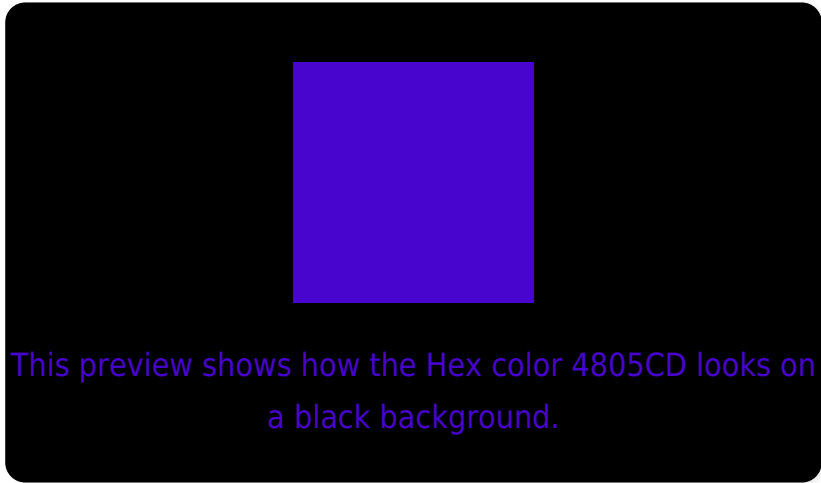
Large Text (above 18pt) WCAG AA ✓ Pass

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

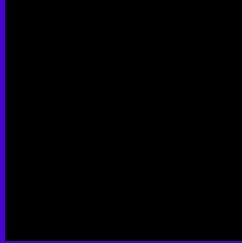
Any Text WCAG AA × Fail

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 4805CD Background



This preview shows how black text looks on a background with the Hex color 4805CD.



This preview shows how white text looks on a background with the Hex color 4805CD.

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



Original Color
4805CD

Protanopia
00448E

Deuteranopia
004879



Tritanopia
004E53

Trichromacy



Original Color
4805CD

Protanomaly
1A2DA5

Deuteranomaly
1A3098

Tritanomaly
1A337F

Monochromacy



Original Color
4805CD

Achromatopsia
303030

Achromatomaly
392069

CSS Examples

Text

The CSS property to change the color of the text to Hex 4805CD 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 #4805CD looks like.

```
.text, #text, p{  
    color:#4805CD  
}
```

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 #4805CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4805CD
}
```

Border

The CSS property to change the border of an element to Hex 4805CD 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".

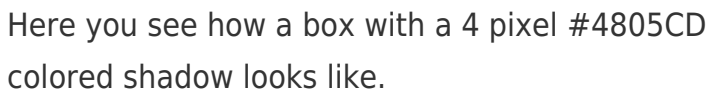
```
.border, #border, table{ border:4px solid
#4805CD }
```

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

```
.border{ border-color:#4805CD }
```

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

Here you see how a box with a 4 pixel #4805CD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4805CD; -webkit-box-shadow:4px 4px  
4px 4px #4805CD; box-shadow:4px 4px 4px  
4px #4805CD }
```

Background

The CSS property to change the background color of an element to Hex 4805CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4805CD }
```

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

```
.background{ background-color:#4805CD }
```

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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