

Converting Colors

Hex(4767CD)

Have a look what the booklet for
Hex(4767CD) contains.

Hex(4767CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4767CD)

Conversions

Conversions Part 1

Format	Color
Hex	4767CD
RGB	71, 103, 205
RGB Percent	28%, 40%, 80%
CMY	0.7216, 0.5961, 0.1961
CMYK	0.65, 0.50, 0.00, 0.20
HSL	226°, 57%, 54%
HSV	226°, 65%, 80%
XYZ	18.4682, 15.4479, 59.7660
YIQ	105.0600, -51.8140, 24.9380

Conversions

Conversions Part 2

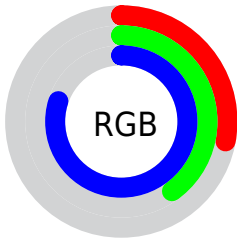
Format	Color
RYB	71, 97, 205
Decimal	4679629
CIELab	46.24, 21.32, -56.44
CIElCh	46, 60.333, 290.691
Yxy	15.4479, 0.1971, 0.1649
Android (android.graphics.Color)	4282869709 (0xFF4767CD)
YUV	105.0600, 49.2704, -29.8706
Hunter-Lab	39.3038, 15.0927, -62.6447

Details

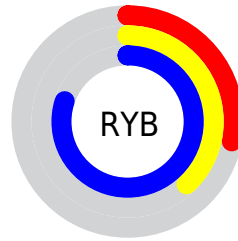
The Hex color **4767CD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CDAD47**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **849AFF**, and **003996** is the 20% darker color. If you saturate the color by 10%, you get **3257CD**, and if you desaturate by 10%, it is **5C77CD**.

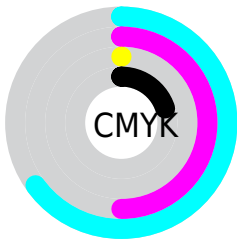
Distribution



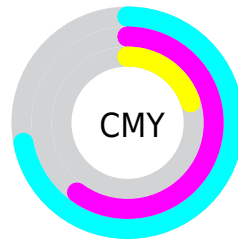
- Red (28%)
- Green (40%)
- Blue (80%)



- Red (28%)
- Yellow (38%)
- Blue (80%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4767CD 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 4767CD by changing the saturation by 10% instead.

■ 4767CD

■ 4767CD

FFFFFF

■ 214FB1

■ 849AFF

■ 003996

■ A2B4FF

■ 00247B

■ BFD0FF

■ 001262

■ DDECFF

■ 000549

■ FBFFFF

■ 000432

■ 00011C

■ 000000

■ 4767CD

■ 4767CD

■ 3257CD

■ 5C77CD

■ 1E48CD

■ 7086CD

■ 0938CD

■ 8496CD

■ 0031CD

■ 99A5CD

■ ADB5CD

■ C2C5CD

■ D6D4CD

■ EBE4CD

■ FFF3CD

Harmonies

Analogous

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



0078D2



4767CD



9A4EAE

Triad

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



4767CD



B44F1E



00835C

Complementary

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



4767CD



CDAD47

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.



177F27



4767CD



916600

Square

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



4767CD



C6394D



637600



008490

Rectangle

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



4767CD



B63E90



637600



00824A

Sweetspot

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



4767CD



CCD8FF



47CDAC



616880



000000



808080

Same Dimension

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



4767CD



3868FF



6847CD



5C5E66



0028A6



000926

Inverse Universe

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



CD4767



FF3868



ACCD47



665C5E



A60028



260009

Previews

White Background



This preview shows how the Hex color 4767CD 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 4767CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

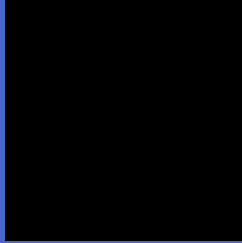
Any Text WCAG AA × Fail

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 4767CD Background



This preview shows how black text looks on a background with the Hex color 4767CD.

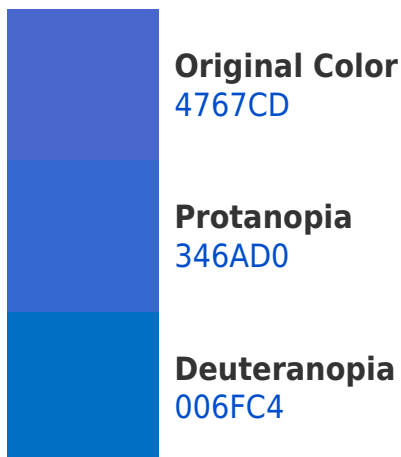


This preview shows how white text looks on a background with the Hex color 4767CD.

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](#).

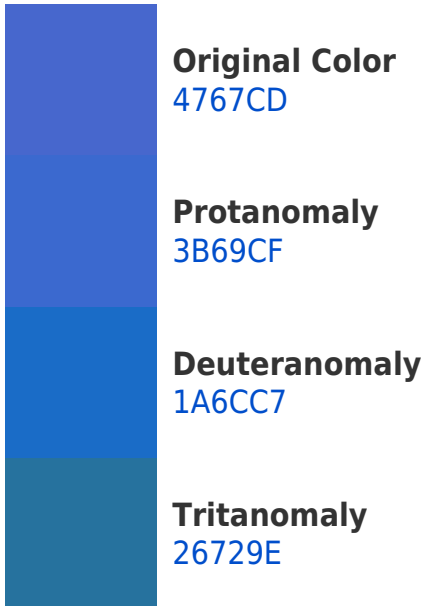
Dichromacy





Tritanopia
137983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4767CD 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 #4767CD looks like.

```
.text, #text, p{  
    color:#4767CD  
}
```

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 #4767CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4767CD
}
```

Border

The CSS property to change the border of an element to Hex 4767CD 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".

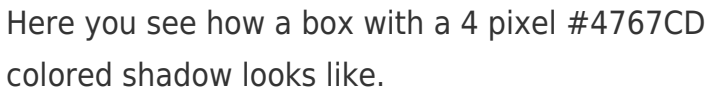
```
.border, #border, table{ border:4px solid
#4767CD }
```

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

```
.border{ border-color:#4767CD }
```

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

Here you see how a box with a 4 pixel #4767CD colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4767CD; -webkit-box-shadow:4px 4px  
4px 4px #4767CD; box-shadow:4px 4px 4px  
4px #4767CD }
```

Background

The CSS property to change the background color of an element to Hex 4767CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4767CD }
```

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

```
.background{ background-color:#4767CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor