

Converting Colors

Hex(0467C8)

Have a look what the booklet for
Hex(0467C8) contains.

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Color

Hex(0467C8)

Conversions

Conversions Part 1

Format	Color
Hex	0467C8
RGB	4, 103, 200
RGB Percent	2%, 40%, 78%
CMY	0.9843, 0.5961, 0.2157
CMYK	0.98, 0.48, 0.00, 0.22
HSL	210°, 96%, 40%
HSV	210°, 98%, 78%
XYZ	15.3256, 13.8964, 56.5181
YIQ	84.4570, -90.1410, 9.1790

Conversions

Conversions Part 2

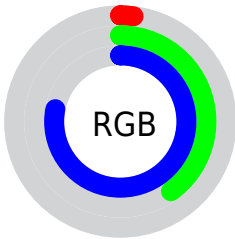
Format	Color
RYB	4, 70, 200
Decimal	288712
CIELab	44.08, 13.16, -57.14
CIELCh	44, 58.636, 282.970
Yxy	13.8964, 0.1787, 0.1621
Android (android.graphics.Color)	4278478792 (0xFF0467C8)
YUV	84.4570, 56.9627, -70.5608
Hunter-Lab	37.2779, 8.1483, -63.7967

Details

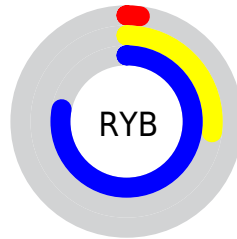
The Hex color **0467C8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C86504**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6299FF**, and **003991** is the 20% darker color. If you saturate the color by 10%, you get **0065C8**, and if you desaturate by 10%, it is **1871C8**.

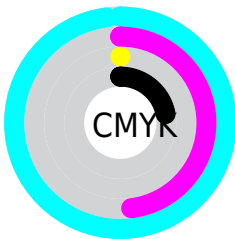
Distribution



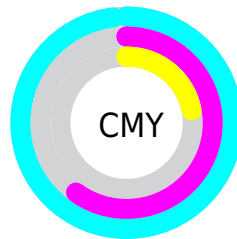
- Red (2%)
- Green (40%)
- Blue (78%)



- Red (2%)
- Yellow (27%)
- Blue (78%)



- Cyan (98%)
- Magenta (48%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0467C8 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 0467C8 by changing the saturation by 10% instead.

■ 0467C8

■ 0467C8

FFFFFF

■ 004FAC

■ 6299FF

■ 003991

■ 82B4FF

■ 002577

■ A1CFFF

■ 00115D

■ BFEBFF

■ 000845

■ DEFFFF

■ 00032E

■ FCFFFF

■ 000118

■ 000000

■ 0467C8

■ 0467C8

■ 0065C8

■ 1871C8

■ 2C7BC8

■ 4085C8

■ 548FC8

■ 6898C8

■ 7CA2C8

■ 90ACC8

■ A4B6C8

■ B8C0C8

Harmonies

Analogous

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



0075C6



0467C8



8451B0

Triad

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



0467C8



B24527



007C4A

Complementary

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



0467C8



C86504

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.



307716



0467C8



945C00

Square

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



0467C8



BE3255



6B6D00



007E7D

Rectangle

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



0467C8



A64095



6B6D00



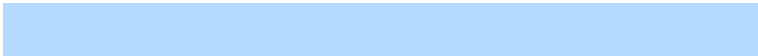
007B39

Sweetspot

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



0467C8



B5DAFF



04C863



536980



000000



808080

Same Dimension

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



0467C8



0081FF



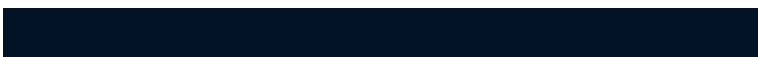
0407C8



5A5F63



0052A3



001224

Inverse Universe

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



C80467



FF0081



C8C504



635A5F



A30052



240012

Previews

White Background



This preview shows how the Hex color 0467C8 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 0467C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

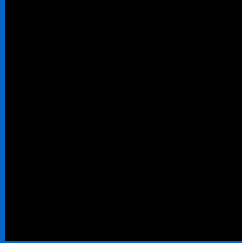
Any Text WCAG AA × Fail

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 0467C8 Background



This preview shows how black text looks on a background with the Hex color 0467C8.

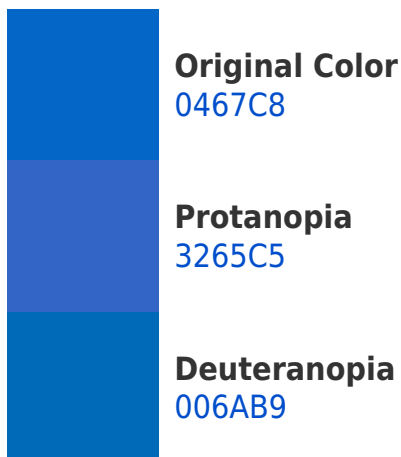


This preview shows how white text looks on a background with the Hex color 0467C8.

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
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0467C8 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 #0467C8 looks like.

```
.text, #text, p{  
    color:#0467C8  
}
```

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 #0467C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0467C8
}
```

Border

The CSS property to change the border of an element to Hex 0467C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

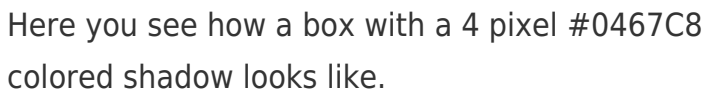
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0467C8 }
```

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

```
.border{ border-color:#0467C8 }
```

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



Here you see how a box with a 4 pixel #0467C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0467C8; -webkit-box-shadow:4px 4px  
4px 4px #0467C8; box-shadow:4px 4px 4px  
4px #0467C8 }
```

Background

The CSS property to change the background color of an element to Hex 0467C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0467C8 }
```

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

```
.background{ background-color:#0467C8 }
```

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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