

Converting Colors

Hex(C460BA)

Have a look what the booklet for
Hex(C460BA) contains.

Hex(C460BA)	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(C460BA)

Conversions

Conversions Part 1

Format	Color
Hex	C460BA
RGB	196, 96, 186
RGB Percent	77%, 38%, 73%
CMY	0.2314, 0.6235, 0.2706
CMYK	0.00, 0.51, 0.05, 0.23
HSL	306°, 46%, 57%
HSV	306°, 51%, 77%
XYZ	35.8107, 23.6467, 49.1312
YIQ	136.1600, 30.7100, 49.1900

Conversions

Conversions Part 2

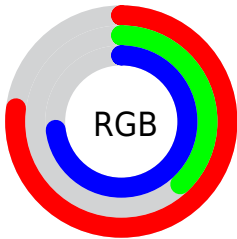
Format	Color
RYB	196, 96, 186
Decimal	12869818
CIELab	55.73, 51.94, -29.72
CIELCh	56, 59.842, 330.217
Yxy	23.6467, 0.3298, 0.2178
Android (android.graphics.Color)	4291059898 (0xFFC460BA)
YUV	136.1600, 24.5711, 52.4797
Hunter-Lab	48.6278, 46.3531, -25.8642

Details

The Hex color **C460BA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **60C46A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FE96F2**, and **8C2A84** is the 20% darker color. If you saturate the color by 10%, you get **C44CB8**, and if you desaturate by 10%, it is **C474BC**.

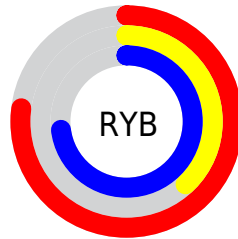
Distribution



Red (77%)

Green (38%)

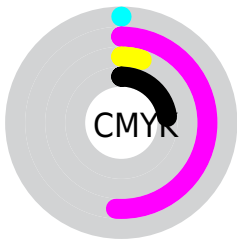
Blue (73%)



Red (77%)

Yellow (38%)

Blue (73%)

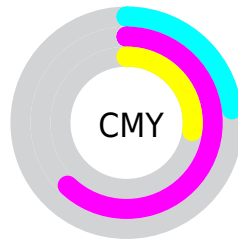


Cyan (0%)

Magenta (51%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C460BA 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 C460BA by changing the saturation by 10% instead.

 C460BA

 C460BA

FFFFFF

 A8459F

 FE96F2

 8C2A84

 FFB2FF

 71056B

 FFCEFF

 560052

 FFE8FF

 3C003B

 250025

 00000C

 000000

 C460BA

 C460BA

 C44CB8

 C474BC

 C439B6

 C487BE

 C425B4

 C49BC0

 C412B2

 C4AEC2

 C400B0

 C4C2C4

 C4D6C6

 C4E9C8

 C4FDCA

 C4FFCC

Harmonies

Analogous

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



8578E0



C460BA



E05287

Triad

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



C460BA



9F8306



009DB9

Complementary

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



C460BA



60C46A

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.



009E84



C460BA



6B9220

Square

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



C460BA



C76F28



009A4F



0098DF

Rectangle

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



C460BA



E25565



009A4F



009EA8

Sweetspot

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



C460BA



FFD9FB



6A60C4



80697D



000000



808080

Same Dimension

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



C460BA



FF63EF



C46088



615760



A10091



21001E

Inverse Universe

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



C460BA



FF63EF



60C49C



615760



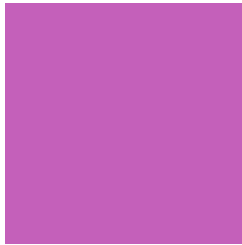
A10091



21001E

Previews

White Background



This preview shows how the Hex color C460BA looks on a white background.

Color Contrast Check

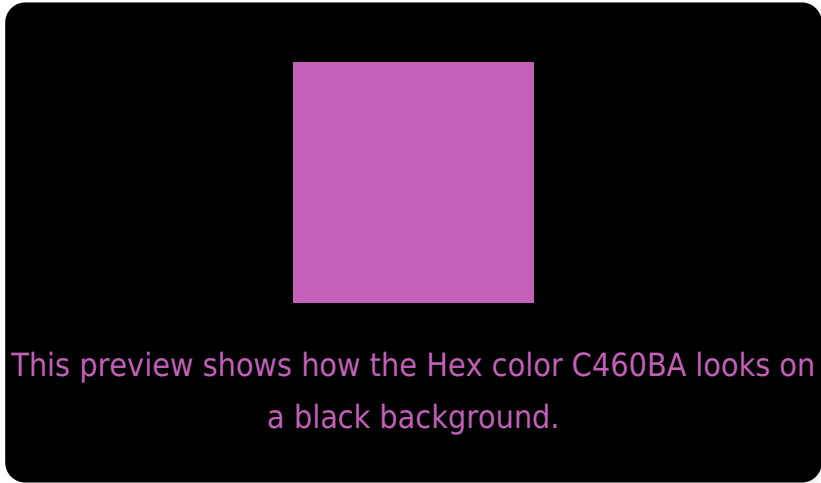
Large Text (above 18pt) WCAG AA ✓ Pass

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 C460BA Background



This preview shows how black text looks on a background with the Hex color C460BA.

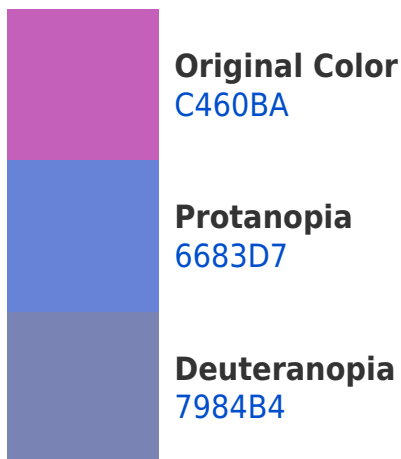


This preview shows how white text looks on a background with the Hex color C460BA.

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](#).

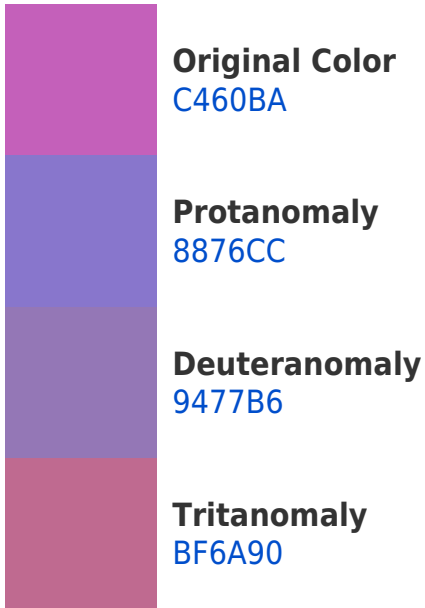
Dichromacy





Tritanopia
BC7078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C460BA 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 #C460BA looks like.

```
.text, #text, p{  
    color:#C460BA  
}
```

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 #C460BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C460BA
}
```

Border

The CSS property to change the border of an element to Hex C460BA 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
#C460BA }
```

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

```
.border{ border-color:#C460BA }
```

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

Here you see how a box with a 4 pixel #C460BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C460BA; -webkit-box-shadow:4px 4px  
4px 4px #C460BA; box-shadow:4px 4px 4px  
4px #C460BA }
```

Background

The CSS property to change the background color of an element to Hex C460BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C460BA }
```

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

```
.background{ background-color:#C460BA }
```

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