

Converting Colors

Hex(C462C3)

Have a look what the booklet for
Hex(C462C3) contains.

Hex(C462C3)	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(C462C3)

Conversions

Conversions Part 1

Format	Color
Hex	C462C3
RGB	196, 98, 195
RGB Percent	77%, 38%, 76%
CMY	0.2314, 0.6157, 0.2353
CMYK	0.00, 0.50, 0.01, 0.23
HSL	301°, 45%, 58%
HSV	301°, 50%, 77%
XYZ	36.9830, 24.4113, 54.3924
YIQ	138.3600, 27.2710, 50.9430

Conversions

Conversions Part 2

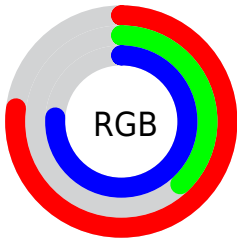
Format	Color
R_{YB}	196, 98, 195
Decimal	12870339
CIE _{Lab}	56.50, 52.54, -33.70
CIE _{LCh}	56, 62.416, 327.325
Yxy	24.4113, 0.3194, 0.2108
Android (android.graphics.Color)	4291060419 (0xFFC462C3)
YUV	138.3600, 27.9235, 50.5503
Hunter-Lab	49.4078, 47.1482, -30.6862

Details

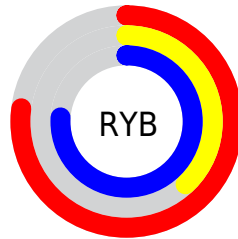
The Hex color **C462C3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62C463**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FE98FC**, and **8C2C8D** is the 20% darker color. If you saturate the color by 10%, you get **C44EC3**, and if you desaturate by 10%, it is **C476C3**.

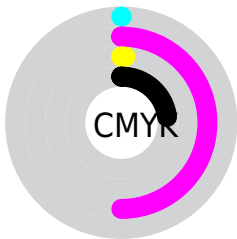
Distribution



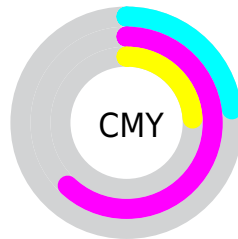
- Red (77%)
- Green (38%)
- Blue (76%)



- Red (77%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color C462C3 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 C462C3 by changing the saturation by 10% instead.

 C462C3

 C462C3

FFFFFF

 A847A8

 FE98FC

 8C2C8D

 FFB4FF

 710973

 FFD0FF

 56005A

 FFEDFF

 3C0042

 25002C

 000115

 000000

 C462C3

 C462C3

 C44EC3

 C476C3

 C43BC3

 C489C3

 C427C2

 C49DC4

 C414C2

 C4B0C4

 C400C2

 C4C4C4

 C4D8C4

 C4EBC4

 C4FFC5

Harmonies

Analogous

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



7D7BE9



C462C3



E5518F

Triad

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



C462C3



A68300



00A0B8

Complementary

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



C462C3



62C463

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.



00A081



C462C3



719316

Square

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



C462C3



CF6D29



129C49



009BE3

Rectangle

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



C462C3



E9526A



129C49



00A1A6

Sweetspot

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



C462C3



FFD9FF



6262C4



80697F



000000



808080

Same Dimension

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



C462C3



FF66FD



C46293



615761



A1009F



210021

Inverse Universe

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



C462C3



FF66FD



62C493



615761



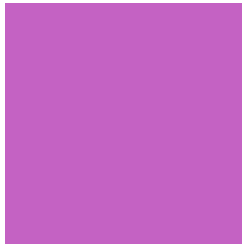
A1009F



210021

Previews

White Background



This preview shows how the Hex color C462C3 looks on a white background.

Color Contrast Check

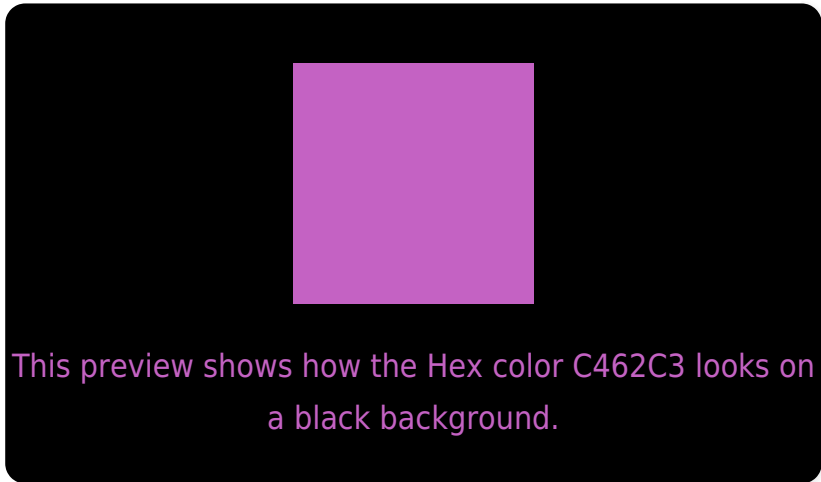
Large Text (above 18pt) WCAG AA ✓ Pass

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

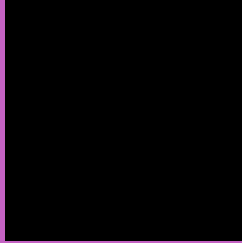
Any Text WCAG AA ✓ Pass

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 C462C3 Background



This preview shows how black text looks on a background with the Hex color C462C3.

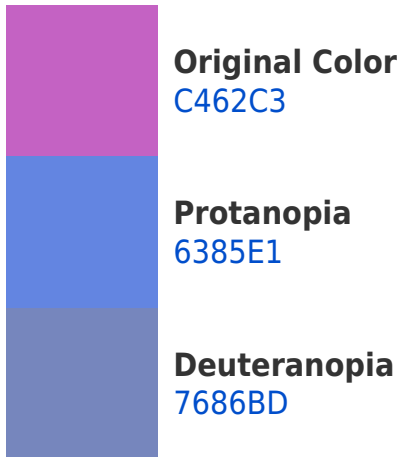



This preview shows how white text looks on a background with the Hex color C462C3.

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](#).

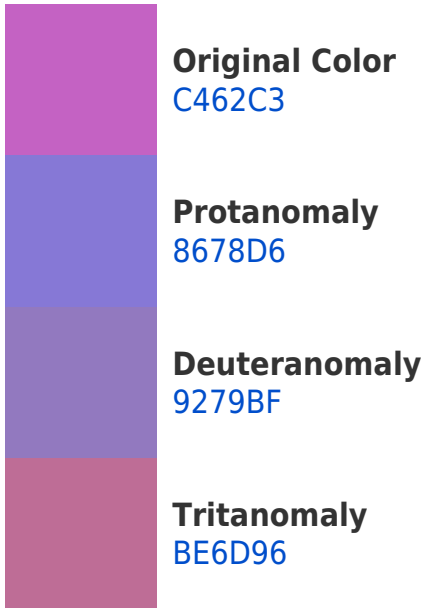
Dichromacy





Tritanopia
BB737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C462C3 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 #C462C3 looks like.

```
.text, #text, p{  
    color:#C462C3  
}
```

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 #C462C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C462C3
}
```

Border

The CSS property to change the border of an element to Hex C462C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

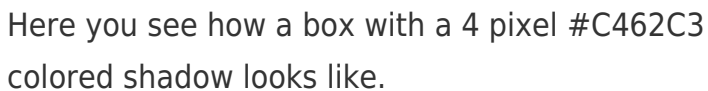
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C462C3 }
```

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

```
.border{ border-color:#C462C3 }
```

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



Here you see how a box with a 4 pixel `#C462C3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C462C3; -webkit-box-shadow:4px 4px  
4px 4px #C462C3; box-shadow:4px 4px 4px  
4px #C462C3 }
```

Background

The CSS property to change the background color of an element to Hex C462C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C462C3 }
```

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

```
.background{ background-color:#C462C3 }
```

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