

Converting Colors

Hex(C447C6)

Have a look what the booklet for
Hex(C447C6) contains.

Hex(C447C6)	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(C447C6)

Conversions

Conversions Part 1

Format	Color
Hex	C447C6
RGB	196, 71, 198
RGB Percent	77%, 28%, 78%
CMY	0.2314, 0.7216, 0.2235
CMYK	0.01, 0.64, 0.00, 0.22
HSL	299°, 53%, 53%
HSV	299°, 64%, 78%
XYZ	35.2112, 20.3195, 55.4923
YIQ	122.8530, 33.7330, 65.9970

Conversions

Conversions Part 2

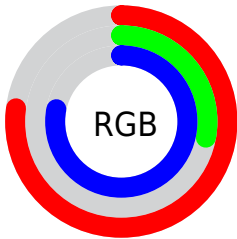
Format	Color
R_{YB}	196, 71, 198
Decimal	12863430
CIE _{Lab}	52.20, 65.15, -42.17
CIE _{LCh}	52, 77.611, 327.084
Yxy	20.3195, 0.3172, 0.1830
Android (android.graphics.Color)	4291053510 (0xFFC447C6)
YUV	122.8530, 37.0475, 64.1499
Hunter-Lab	45.0771, 60.5474, -41.4351

Details

The Hex color **C447C6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **49C647**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF80FF**, and **8B0090** is the 20% darker color. If you saturate the color by 10%, you get **C433C6**, and if you desaturate by 10%, it is **C45BC6**.

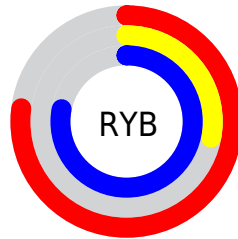
Distribution



Red (77%)

Green (28%)

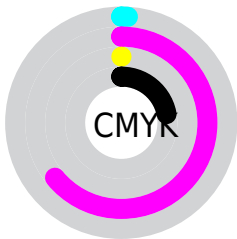
Blue (78%)



Red (77%)

Yellow (28%)

Blue (78%)

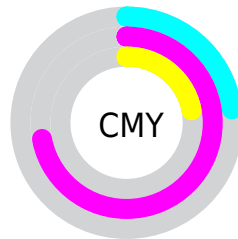


Cyan (1%)

Magenta (64%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (72%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C447C6 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 C447C6 by changing the saturation by 10% instead.

 C447C6

 C447C6

FFFFFF

 A727AA

 FF80FF

 8B0090

 FF9CFF

 6F0075

 FFB9FF

 53005C

 FFD6FF

 3A0044

 FFF3FF

 1E002D

 000117

 000000

 C447C6

 C447C6

 C433C6

 C45BC6

 C31FC6

 C56FC6

 C30CC6

 C582C6

 C300C6

 C596C6

 C6AAC6

 C6BEC6

 C6D2C6

 C6E5C6

 C7F9C6

Harmonies

Analogous

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



636EF5



C447C6



EB1F86

Triad

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



C447C6



9C7800



0099B8

Complementary

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



C447C6



49C647

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.



009874



C447C6



5C8A00

Square

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



C447C6



CD5A00



00942C



0094ED

Rectangle

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



C447C6



EF255A



00942C



0099A2

Sweetspot

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



C447C6



FECFFF



4749C6



7F6280



000000



808080

Same Dimension

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



C447C6



FC3BFF



C64789



635A63



A100A3



230024

Inverse Universe

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



C64749



FF3B3E



47C684



635A5A



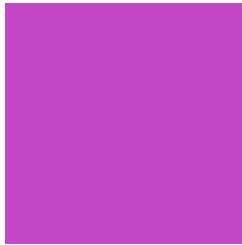
A30003



240001

Previews

White Background



This preview shows how the Hex color C447C6 looks on a white background.

Color Contrast Check

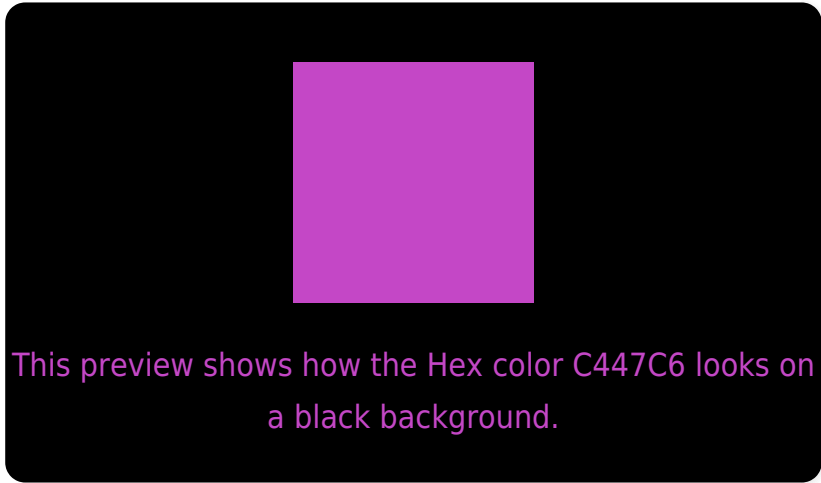
Large Text (above 18pt) WCAG AA ✓ Pass

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

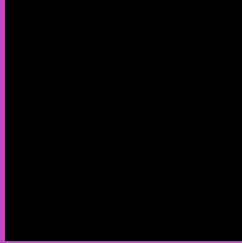
Any Text WCAG AA ✓ Pass

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 C447C6 Background



This preview shows how black text looks on a background with the Hex color C447C6.

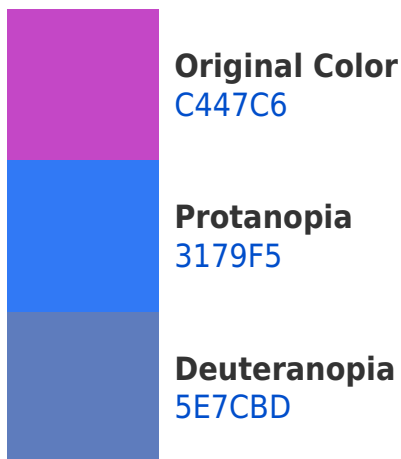



This preview shows how white text looks on a background with the Hex color C447C6.

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](#).

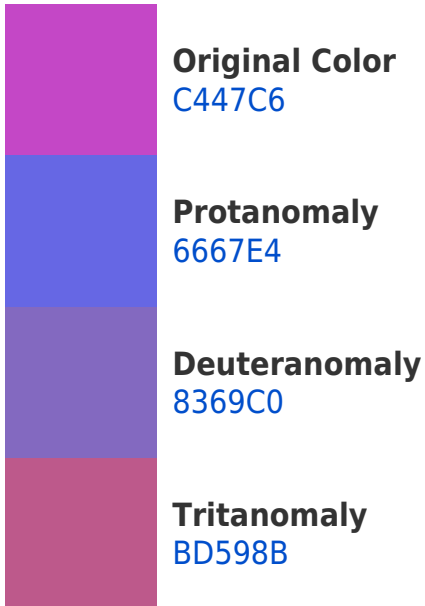
Dichromacy



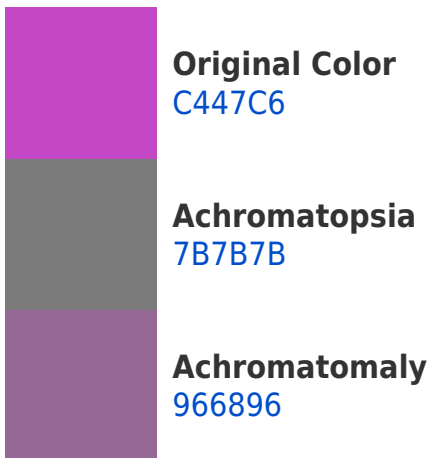


Tritanopia
B9636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C447C6 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 #C447C6 looks like.

```
.text, #text, p{  
    color:#C447C6  
}
```

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 #C447C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C447C6
}
```

Border

The CSS property to change the border of an element to Hex C447C6 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
#C447C6 }
```

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

```
.border{ border-color:#C447C6 }
```

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

Here you see how a box with a 4 pixel #C447C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C447C6; -webkit-box-shadow:4px 4px  
4px 4px #C447C6; box-shadow:4px 4px 4px  
4px #C447C6 }
```

Background

The CSS property to change the background color of an element to Hex C447C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C447C6 }
```

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

```
.background{ background-color:#C447C6 }
```

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