

Converting Colors

Hex(C775C0)

Have a look what the booklet for
Hex(C775C0) contains.

Hex(C775C0)	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(C775C0)

Conversions

Conversions Part 1

Format	Color
Hex	C775C0
RGB	199, 117, 192
RGB Percent	78%, 46%, 75%
CMY	0.2196, 0.5412, 0.2471
CMYK	0.00, 0.41, 0.04, 0.22
HSL	305°, 42%, 62%
HSV	305°, 41%, 78%
XYZ	39.4289, 28.6705, 53.3250
YIQ	150.0680, 24.7970, 40.7090

Conversions

Conversions Part 2

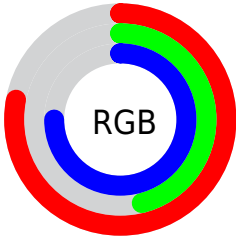
Format	Color
R_{YB}	199, 117, 192
Decimal	13071808
CIE _{Lab}	60.49, 43.21, -25.77
CIE _{LCh}	60, 50.307, 329.187
Yxy	28.6705, 0.3247, 0.2361
Android (android.graphics.Color)	4291261888 (0xFFC775C0)
YUV	150.0680, 20.6725, 42.9134
Hunter-Lab	53.5448, 37.7390, -21.5652

Details

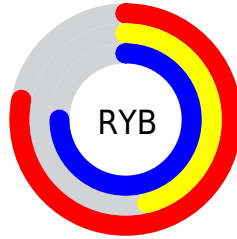
The Hex color **C775C0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75C77C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFABF9**, and **8F418A** is the 20% darker color. If you saturate the color by 10%, you get **C761BE**, and if you desaturate by 10%, it is **C789C2**.

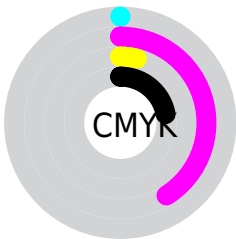
Distribution



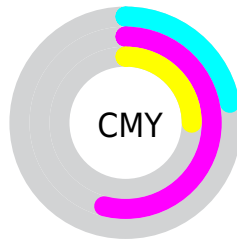
- Red (78%)
- Green (46%)
- Blue (75%)



- Red (78%)
- Yellow (46%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color C775C0 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 C775C0 by changing the saturation by 10% instead.

 C775C0

 C775C0

FFFFFF

 AB5BA5

 FFABF9

 8F418A

 FFC7FF

 752871

 FFE3FF

 5A0A58

 410040

 2C002A

 000014

 000000

 C775C0

 C775C0

 C761BE

 C789C2

 C74DBD

 C79DC3

 C739BB

 C7B1C5

 C725B9

 C7C5C7

 C711B8

 C7D9C8

 C700B6

 C7ECCA

 C7FFCC

 C7FFCE

 C7FFCF

Harmonies

Analogous

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



9287E0



C775C0



E16B95

Triad

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



C775C0



AC8F34



00A7BC

Complementary

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



C775C0



75C77C

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.



00A88F



C775C0



7F9C40

Square

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



C775C0



CE7F46



44A462



00A2DD

Rectangle

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



C775C0



E46C77



44A462



00A8AE

Sweetspot

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



C775C0



FFE0FC



7C75C7



806E7E



000000



808080

Same Dimension

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



C775C0



FF82F4



C77597



635A63



A30095



240021

Inverse Universe

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



C775C0



FF82F4



75C7A5



635A63



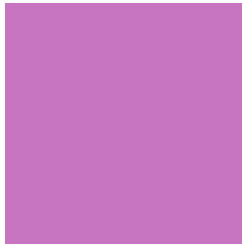
A30095



240021

Previews

White Background



This preview shows how the Hex color C775C0 looks on a white background.

Color Contrast Check

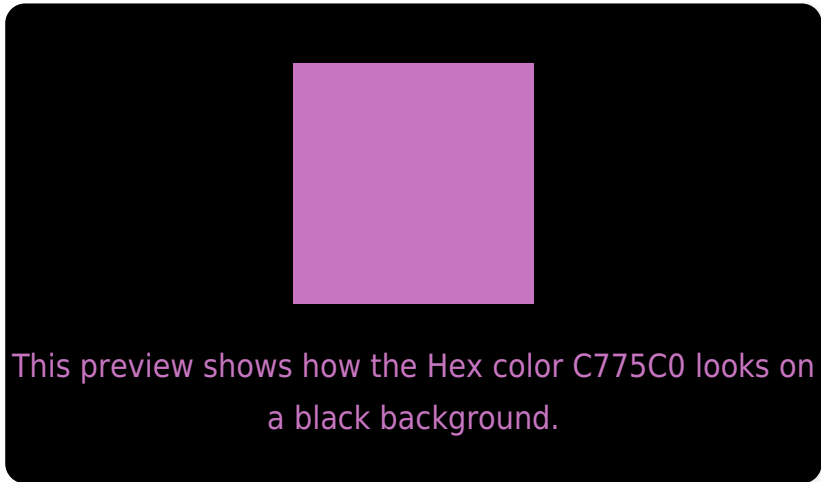
Large Text (above 18pt) WCAG AA ✓ Pass

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

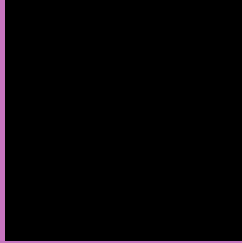
Any Text WCAG AA ✓ Pass

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 C775C0 Background



This preview shows how black text looks on a background with the Hex color C775C0.

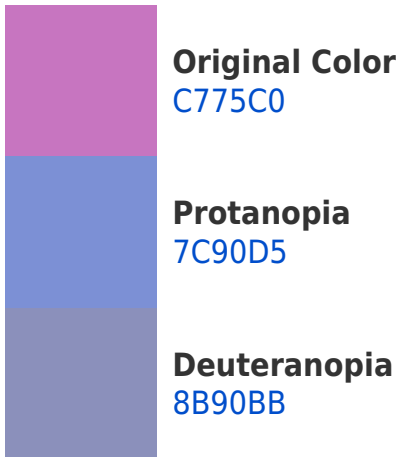


This preview shows how white text looks on a background with the Hex color C775C0.

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](#).

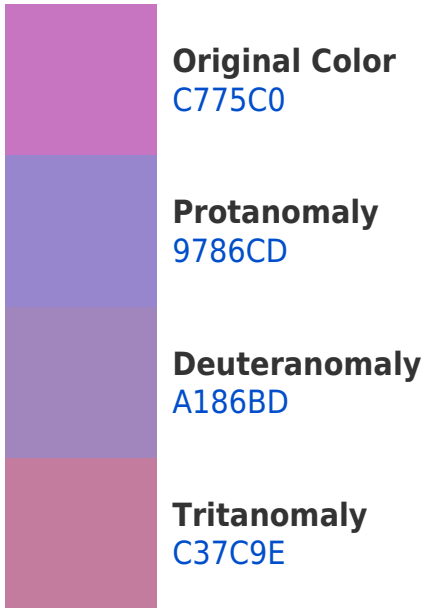
Dichromacy



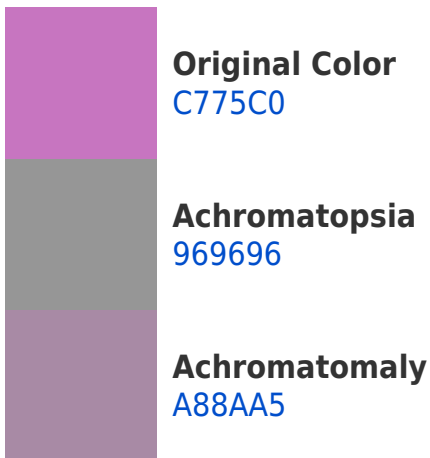


Tritanopia
C0808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C775C0 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 #C775C0 looks like.

```
.text, #text, p{  
    color:#C775C0  
}
```

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 #C775C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C775C0
}
```

Border

The CSS property to change the border of an element to Hex C775C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

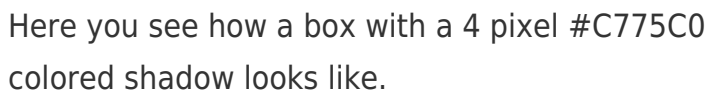
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C775C0 }
```

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

```
.border{ border-color:#C775C0 }
```

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



Here you see how a box with a 4 pixel `#C775C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C775C0; -webkit-box-shadow:4px 4px  
4px 4px #C775C0; box-shadow:4px 4px 4px  
4px #C775C0 }
```

Background

The CSS property to change the background color of an element to Hex C775C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C775C0 }
```

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

```
.background{ background-color:#C775C0 }
```

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