

Converting Colors

Hex(C730C7)

Have a look what the booklet for
Hex(C730C7) contains.

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Color

Hex(C730C7)

Conversions

Conversions Part 1

Format	Color
Hex	C730C7
RGB	199, 48, 199
RGB Percent	78%, 19%, 78%
CMY	0.2196, 0.8118, 0.2196
CMYK	0.00, 0.76, 0.00, 0.22
HSL	300°, 61%, 48%
HSV	300°, 76%, 78%
XYZ	34.9189, 18.3795, 55.7400
YIQ	110.3630, 41.5250, 78.9730

Conversions

Conversions Part 2

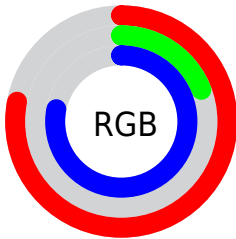
Format	Color
R _Y B	199, 48, 199
Decimal	13054151
CIE Lab	49.95, 73.82, -46.28
CIE LCh	50, 87.131, 327.917
Yxy	18.3795, 0.3202, 0.1686
Android (android.graphics.Color)	4291244231 (0xFFC730C7)
YUV	110.3630, 43.6980, 77.7346
Hunter-Lab	42.8714, 70.3643, -47.0770

Details

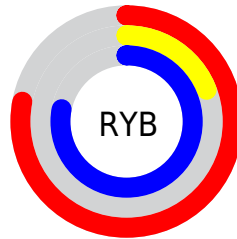
The Hex color **C730C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **30C730**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6FFF**, and **8D0090** is the 20% darker color. If you saturate the color by 10%, you get **C71CC7**, and if you desaturate by 10%, it is **C744C7**.

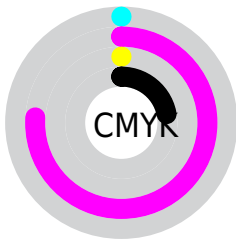
Distribution



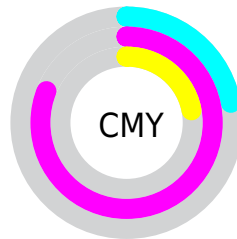
- Red (78%)
- Green (19%)
- Blue (78%)



- Red (78%)
- Yellow (19%)
- Blue (78%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (81%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C730C7 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 C730C7 by changing the saturation by 10% instead.

 C730C7

 C730C7

FFFFFF

 AA00AB

 FF6FFF

 8D0090

 FF8CFF

 700076

 FFA9FF

 54005D

 FFC6FF

 3B0045

 FFE4FF

 1C002D

 000117

 000000

 C730C7

 C730C7

 C71CC7

 C744C7

 C708C7

 C758C7

 C700C7

 C76CC7

 C780C7

 C794C7

 C7A7C7

 C7BBC7

 C7CFC7

 C7E3C7

Harmonies

Analogous

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



5665FC



C730C7



F0007F

Triad

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



C730C7



957200



0095BB

Complementary

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



C730C7



30C730

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.



00946F



C730C7



4B8600

Square

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



C730C7



CC4F00



00901A



0091F5

Rectangle

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



C730C7



F3004F



00901A



0095A3

Sweetspot

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



C730C7



FFC4FF



3030C7



805C80



000000



808080

Same Dimension

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



C730C7



FF17FF



C7307C



635A63



A300A3



240024

Inverse Universe

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



C730C7



FF17FF



30C77C



635A63



A300A3



240024

Previews

White Background



This preview shows how the Hex color C730C7 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

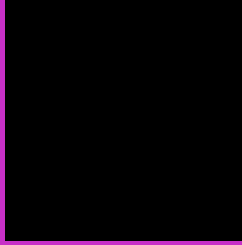
Any Text WCAG AA ✓ Pass

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 C730C7 Background



This preview shows how black text looks on a background with the Hex color C730C7.

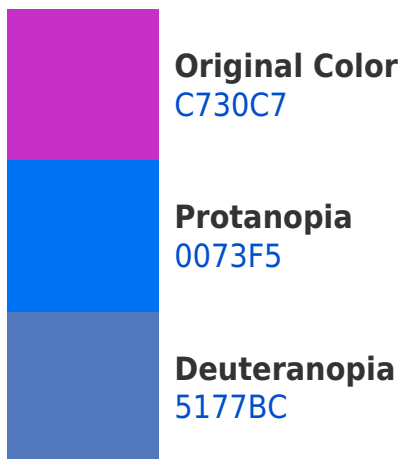


This preview shows how white text looks on a background with the Hex color C730C7.

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



Trichromacy



Original Color
C730C7



Protanomaly
485BE4



Deuteranomaly
7C5DC0



Tritanomaly
BF4984

Monochromacy



Original Color
C730C7



Achromatopsia
6E6E6E



Achromatomaly
8E578E

CSS Examples

Text

The CSS property to change the color of the text to Hex C730C7 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 #C730C7 looks like.

```
.text, #text, p{  
    color:#C730C7  
}
```

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 #C730C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C730C7
}
```

Border

The CSS property to change the border of an element to Hex C730C7 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
#C730C7 }
```

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

```
.border{ border-color:#C730C7 }
```

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

Here you see how a box with a 4 pixel #C730C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C730C7; -webkit-box-shadow:4px 4px  
4px 4px #C730C7; box-shadow:4px 4px 4px  
4px #C730C7 }
```

Background

The CSS property to change the background color of an element to Hex C730C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C730C7 }
```

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

```
.background{ background-color:#C730C7 }
```

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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