

Converting Colors

Hex(C730D4)

Have a look what the booklet for
Hex(C730D4) contains.

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Color

Hex(C730D4)

Conversions

Conversions Part 1

Format	Color
Hex	C730D4
RGB	199, 48, 212
RGB Percent	78%, 19%, 83%
CMY	0.2196, 0.8118, 0.1686
CMYK	0.06, 0.77, 0.00, 0.17
HSL	295°, 66%, 51%
HSV	295°, 77%, 83%
XYZ	36.4938, 19.0095, 64.0331
YIQ	111.8450, 37.3520, 83.0160

Conversions

Conversions Part 2

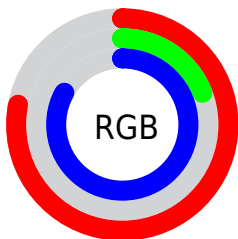
Format	Color
RYB	199, 48, 212
Decimal	13054164
CIELab	50.70, 75.92, -52.57
CIElCh	51, 92.340, 325.301
Yxy	19.0095, 0.3053, 0.1590
Android (android.graphics.Color)	4291244244 (0xFFC730D4)
YUV	111.8450, 49.3764, 76.4349
Hunter-Lab	43.5999, 73.1077, -56.5566

Details

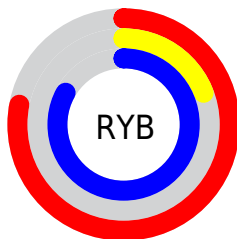
The Hex color **C730D4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3DD430**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6FFF**, and **8D009C** is the 20% darker color. If you saturate the color by 10%, you get **C51BD4**, and if you desaturate by 10%, it is **C945D4**.

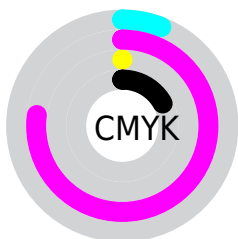
Distribution



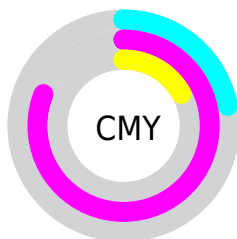
- Red (78%)
- Green (19%)
- Blue (83%)



- Red (78%)
- Yellow (19%)
- Blue (83%)



- Cyan (6%)
- Magenta (77%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (81%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C730D4 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 C730D4 by changing the saturation by 10% instead.

 C730D4

 C730D4

FFFFFF

 AA00B8

 FF6FFF

 8D009C

 FF8DFF

 700082

 FFAAFF


 540068

 FFC7FF

 3A004F

 FFE5FF

 1A0037

 000220

 000005

 000000

 C730D4

 C730D4

 C51BD4

 C945D4

 C406D4

 CA5AD4

 C300D4

 CC70D4

 CE85D4

 CF9AD4

 D1AFD4

 D3C4D4

 D4DAD4

 D6EFD4

Harmonies

Analogous

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



376AFF



C730D4



F70089

Triad

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



C730D4



9E7200



0098BB

Complementary

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



C730D4



3DD430

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.



00976A



C730D4



518800

Square

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



C730D4



D64900



009201



0095FB

Rectangle

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



C730D4



FC0055



009201



0098A0

Sweetspot

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



C730D4



FAC4FF



303ED4



7D5C80



000000



808080

Same Dimension

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



C730D4



EC12FF



D43090



6A606B



9D00AB



28002B

Inverse Universe

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



D4303D



FF1225



30D474



6B6061



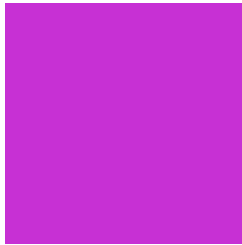
AB000E



2B0003

Previews

White Background



This preview shows how the Hex color C730D4 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

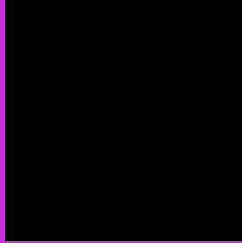
Any Text WCAG AA ✓ Pass

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 C730D4 Background



This preview shows how black text looks on a background with the Hex color C730D4.

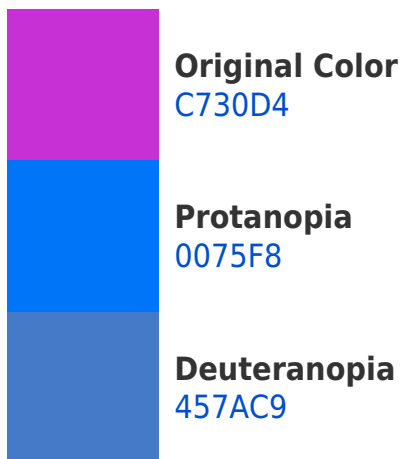



This preview shows how white text looks on a background with the Hex color C730D4.

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
B95C63

Trichromacy



Original Color
C730D4



Protanomaly
485CEB



Deuteranomaly
745FCD



Tritanomaly
BE4C8C

Monochromacy



Original Color
C730D4



Achromatopsia
707070



Achromatomaly
905994

CSS Examples

Text

The CSS property to change the color of the text to Hex C730D4 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 #C730D4 looks like.

```
.text, #text, p{  
    color:#C730D4  
}
```

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 #C730D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C730D4
}
```

Border

The CSS property to change the border of an element to Hex C730D4 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
#C730D4 }
```

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

```
.border{ border-color:#C730D4 }
```

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

Here you see how a box with a 4 pixel #C730D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C730D4; -webkit-box-shadow:4px 4px  
4px 4px #C730D4; box-shadow:4px 4px 4px  
4px #C730D4 }
```

Background

The CSS property to change the background color of an element to Hex C730D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C730D4 }
```

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

```
.background{ background-color:#C730D4 }
```

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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