

Converting Colors

Hex(CC72DB)

Have a look what the booklet for
Hex(CC72DB) contains.

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Color

Hex(CC72DB)

Conversions

Conversions Part 1

Format	Color
Hex	CC72DB
RGB	204, 114, 219
RGB Percent	80%, 45%, 86%
CMY	0.2000, 0.5529, 0.1412
CMYK	0.07, 0.48, 0.00, 0.14
HSL	291°, 59%, 65%
HSV	291°, 48%, 86%
XYZ	43.7053, 29.9865, 70.5023
YIQ	152.8800, 19.9350, 51.7350

Conversions

Conversions Part 2

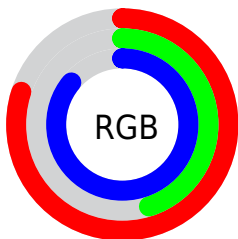
Format	Color
RYB	204, 114, 219
Decimal	13398747
CIELab	61.64, 51.26, -39.16
CIElCh	62, 64.505, 322.621
Yxy	29.9865, 0.3031, 0.2080
Android (android.graphics.Color)	4291588827 (0xFFCC72DB)
YUV	152.8800, 32.5972, 44.8322
Hunter-Lab	54.7599, 46.6358, -38.0028

Details

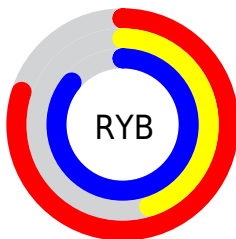
The Hex color **CC72DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **81DB72**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA8FF**, and **943DA4** is the 20% darker color. If you saturate the color by 10%, you get **C95CDB**, and if you desaturate by 10%, it is **CF88DB**.

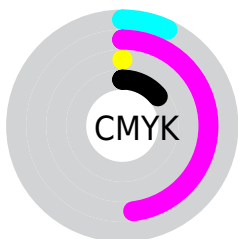
Distribution



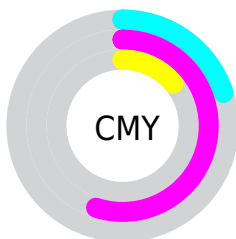
- Red (80%)
- Green (45%)
- Blue (86%)



- Red (80%)
- Yellow (45%)
- Blue (86%)



- Cyan (7%)
- Magenta (48%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (55%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC72DB 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 CC72DB by changing the saturation by 10% instead.

 CC72DB

 CC72DB

FFFFFF

 B058BF

 FFA8FF

 943DA4

 FFC5FF

 782189

 FFE1FF

 5E006F

FFFEFF

 430056

 2C003F

 080028

 000111

 000000

 CC72DB

 CC72DB

 C95CDB

 CF88DB

 C646DB

 D29EDB

 C330DB

 D5B4DB

 BF1ADB

 D9CADB

 BC04DB

 DCE0DB

 BC00DB

 DFF5DB

 E2FFDB

 E5FFDB

 E8FFDB

Harmonies

Analogous

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



798CFF



CC72DB



F45EA6

Triad

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



CC72DB



BD8D10



00B0BF

Complementary

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



CC72DB



81DB72

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.



00AF84



CC72DB



879F1A

Square

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



CC72DB



E6763A



3AAA4B



00ABEF

Rectangle

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



CC72DB



FC5D7F



3AAA4B



00B0AC

Sweetspot

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



CC72DB



FADBFF



7282DB



7C6A80



000000



808080

Same Dimension

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



CC72DB



EA6BFF



DB72B6



6C636E



9500AD



27002E

Inverse Universe

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



DB7281



FF6B80



72DB97



6E6364



AD0019



2E0007

Previews

White Background



This preview shows how the Hex color CC72DB 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

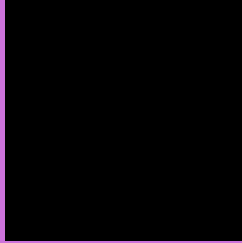
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC72DB Background



This preview shows how black text looks on a background with the Hex color CC72DB.

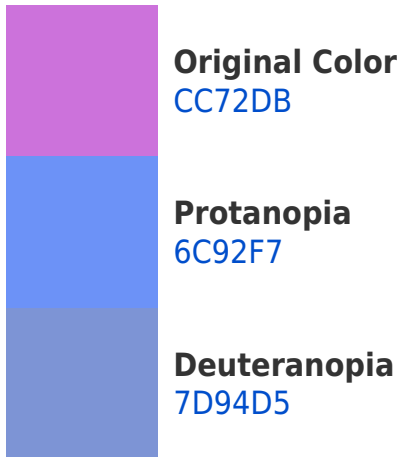


This preview shows how white text looks on a background with the Hex color CC72DB.

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
C2848E

Trichromacy



Original Color
CC72DB



Protanomaly
8F86ED



Deuteranomaly
9A88D7



Tritanomaly
C67DAA

Monochromacy



Original Color
CC72DB



Achromatopsia
999999



Achromatomaly
AC8BB1

CSS Examples

Text

The CSS property to change the color of the text to Hex CC72DB 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 #CC72DB looks like.

```
.text, #text, p{  
    color:#CC72DB  
}
```

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 #CC72DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC72DB
}
```

Border

The CSS property to change the border of an element to Hex CC72DB 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
#CC72DB }
```

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

```
.border{ border-color:#CC72DB }
```

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

Here you see how a box with a 4 pixel #CC72DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC72DB; -webkit-box-shadow:4px 4px  
4px 4px #CC72DB; box-shadow:4px 4px 4px  
4px #CC72DB }
```

Background

The CSS property to change the background color of an element to Hex CC72DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC72DB }
```

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

```
.background{ background-color:#CC72DB }
```

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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