

Converting Colors

Hex(CE72DB)

Have a look what the booklet for
Hex(CE72DB) contains.

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Color

Hex(CE72DB)

Conversions

Conversions Part 1

Format	Color
Hex	CE72DB
RGB	206, 114, 219
RGB Percent	81%, 45%, 86%
CMY	0.1922, 0.5529, 0.1412
CMYK	0.06, 0.48, 0.00, 0.14
HSL	293°, 59%, 65%
HSV	293°, 48%, 86%
XYZ	44.2571, 30.2709, 70.5281
YIQ	153.4780, 21.1270, 52.1590

Conversions

Conversions Part 2

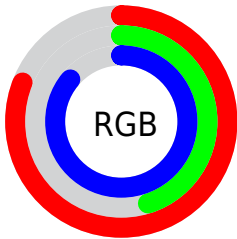
Format	Color
R _Y B	206, 114, 219
Decimal	13529819
CIE Lab	61.89, 51.82, -38.76
CIE LCh	62, 64.712, 323.206
Yxy	30.2709, 0.3051, 0.2087
Android (android.graphics.Color)	4291719899 (0xFFCE72DB)
YUV	153.4780, 32.3023, 46.0618
Hunter-Lab	55.0190, 47.3015, -37.4897

Details

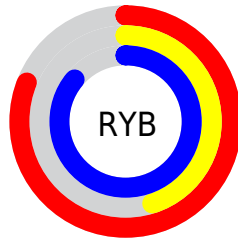
The Hex color **CE72DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FDB72**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA9FF**, and **953DA4** is the 20% darker color. If you saturate the color by 10%, you get **CB5CDB**, and if you desaturate by 10%, it is **D188DB**.

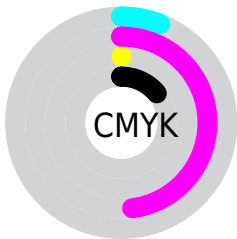
Distribution



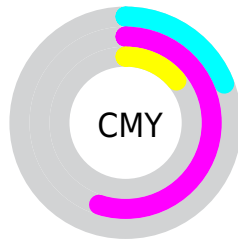
- Red (81%)
- Green (45%)
- Blue (86%)



- Red (81%)
- Yellow (45%)
- Blue (86%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (55%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE72DB 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 CE72DB by changing the saturation by 10% instead.

 CE72DB

 CE72DB

FFFFFF

 B157BF

 FFA9FF

 953DA4

 FFC5FF

 7A2189

 FFE1FF

 5F006F

 450056

 2D003F

 0C0028

 000111

 000000

 CE72DB

 CE72DB

 CB5CDB

 D188DB

 C946DB

 D39EDB

 C630DB

 D6B4DB

 C31ADB

 D9CADB

 C004DB

 DCE0DB

 C000DB

 DEF5DB

 E1FFDB

 E4FFDB

 E6FFDB

Harmonies

Analogous

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



7C8CFF



CE72DB



F65EA5

Triad

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



CE72DB



BD8E0F



00B0C1

Complementary

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



CE72DB



7FDB72

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.



00B086



CE72DB



87A01B

Square

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



CE72DB



E67739



38AA4D



00ACF1

Rectangle

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



CE72DB



FD5D7F



38AA4D



00B1AE

Sweetspot

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



CE72DB



FBDBFF



7280DB



7D6A80



000000



808080

Same Dimension

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



CE72DB



ED6BFF



DB72B4



6C636E



9800AD



28002E

Inverse Universe

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



DB727F



FF6B7D



72DB99



6E6364



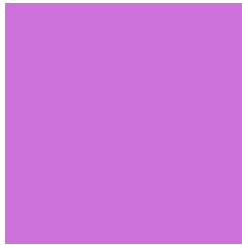
AD0015



2E0006

Previews

White Background



This preview shows how the Hex color CE72DB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

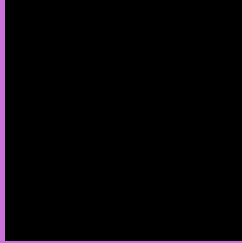
Any Text WCAG AA ✓ Pass

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 CE72DB Background



This preview shows how black text looks on a background with the Hex color CE72DB.

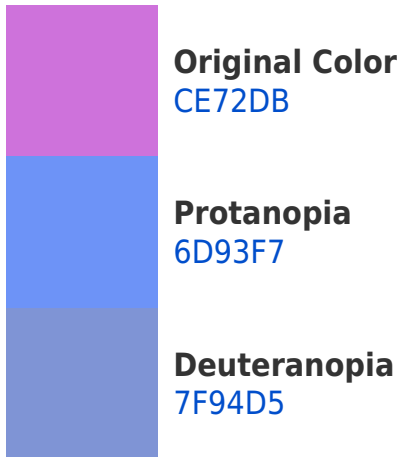


This preview shows how white text looks on a background with the Hex color CE72DB.

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
C4848E

Trichromacy



Original Color
CE72DB



Protanomaly
9087ED



Deuteranomaly
9C88D7



Tritanomaly
C87DAA

Monochromacy



Original Color
CE72DB



Achromatopsia
999999



Achromatomaly
AC8BB1

CSS Examples

Text

The CSS property to change the color of the text to Hex CE72DB 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 #CE72DB looks like.

```
.text, #text, p{  
    color:#CE72DB  
}
```

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 #CE72DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE72DB
}
```

Border

The CSS property to change the border of an element to Hex CE72DB 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
#CE72DB }
```

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

```
.border{ border-color:#CE72DB }
```

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

Here you see how a box with a 4 pixel #CE72DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE72DB; -webkit-box-shadow:4px 4px  
4px 4px #CE72DB; box-shadow:4px 4px 4px  
4px #CE72DB }
```

Background

The CSS property to change the background color of an element to Hex CE72DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE72DB }
```

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

```
.background{ background-color:#CE72DB }
```

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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