

# Converting Colors

Hex(CD71E0)

Have a look what the booklet for  
Hex(CD71E0) contains.

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# Color

**Hex(CD71E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD71E0
RGB	205, 113, 224
RGB Percent	80%, 44%, 88%
CMY	0.1961, 0.5569, 0.1216
CMYK	0.08, 0.50, 0.00, 0.12
HSL	290°, 64%, 66%
HSV	290°, 50%, 88%
XYZ	44.5365, 30.1712, 73.9973
YIQ	153.1620, 19.2010, 54.0250

# Conversions

## Conversions Part 2

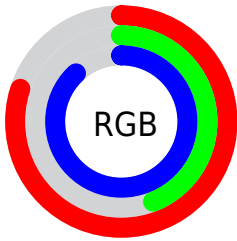
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 113, 224
Decimal	13464032
CIE Lab	61.80, 53.00, -41.70
CIE LCh	62, 67.440, 321.808
Yxy	30.1712, 0.2995, 0.2029
Android (android.graphics.Color)	4291654112 (0xFFCD71E0)
YUV	153.1620, 34.9231, 45.4619
Hunter-Lab	54.9283, 48.6053, -41.4234

# Details

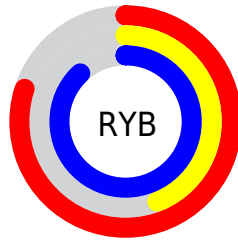
The Hex color **CD71E0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84E071**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA8FF**, and **943CA8** is the 20% darker color. If you saturate the color by 10%, you get **C95BE0**, and if you desaturate by 10%, it is **D187E0**.

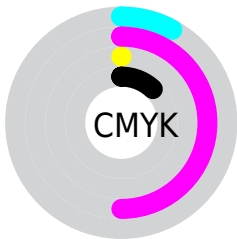
# Distribution



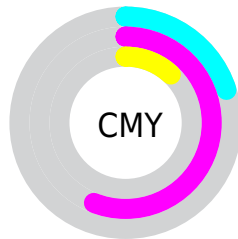
- Red (80%)
- Green (44%)
- Blue (88%)



- Red (80%)
- Yellow (44%)
- Blue (88%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (56%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD71E0 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 CD71E0 by changing the saturation by 10% instead.



 CD71E0

 CD71E0

FFFFFF

 B056C4

 FFA8FF

 943CA8

 FFC4FF

 791F8D

 FFE0FF

 5E0073

FFFEFF

 44005A

 2C0042

 09002B

 000115

 000000

■ CD71E0

■ CD71E0

■ C95BE0

■ D187E0

■ C544E0

■ D59EE0

■ C12EE0

■ D9B4E0

■ BE17E0

■ DCCBE0

■ BA01E0

■ E0E1E0

■ BA00E0

■ E4F7E0

■ E8FFE0

■ ECFFE0

■ F0FFE0

# Harmonies

## Analogous

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



738CFF



CD71E0



F85BA8

# Triad

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



CD71E0



C08D00



00B1C0

# Complementary

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



CD71E0



84E071

# 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.



00B082



CD71E0



889F0C

# Square

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



CD71E0



EA7437



36AA46



00ADF3

# Rectangle

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



CD71E0



FF5980



36AA46



00B1AC



# Sweetspot

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



CD71E0



F8D9FF



7185E0



7C6980



000000



808080



# Same Dimension

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



CD71E0



E569FF



E071BD



6E6570



9200B0



280030



# Inverse Universe

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



E07184



FF6982



71E094



706567



B0001E

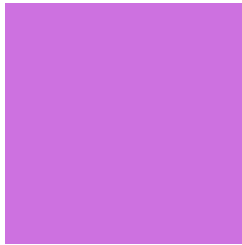


300008



# Previews

## White Background



This preview shows how the Hex color CD71E0 looks on a white background.

## Color Contrast Check

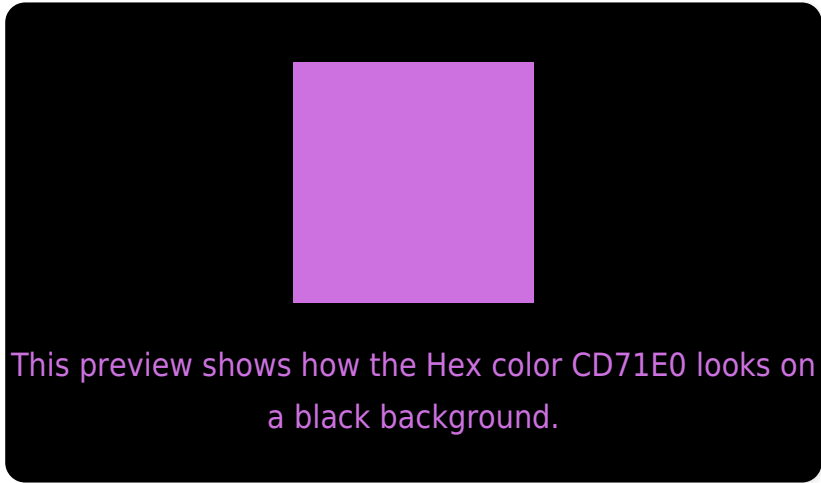
Large Text (above 18pt) WCAG AA × Fail

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

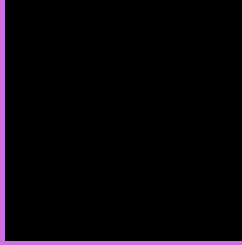
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD71E0 Background



This preview shows how black text looks on a background with the Hex color CD71E0.

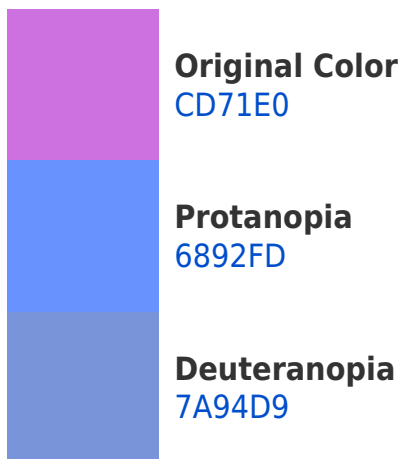



This preview shows how white text looks on a background with the Hex color CD71E0.

# 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**  
C2858F

# Trichromacy



**Original Color**  
CD71E0



**Protanomaly**  
8D86F2



**Deuteranomaly**  
9887DC



**Tritanomaly**  
C67EAC

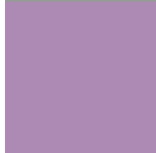
# Monochromacy



**Original Color**  
CD71E0



**Achromatopsia**  
999999



**Achromatomaly**  
AC8AB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD71E0 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 #CD71E0 looks like.

```
.text, #text, p{  
    color:#CD71E0  
}
```

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 #CD71E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD71E0
}
```

## Border

The CSS property to change the border of an element to Hex CD71E0 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
#CD71E0 }
```

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

```
.border{ border-color:#CD71E0 }
```

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

Here you see how a box with a 4 pixel #CD71E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD71E0; -webkit-box-shadow:4px 4px  
4px 4px #CD71E0; box-shadow:4px 4px 4px  
4px #CD71E0 }
```

# Background

The CSS property to change the background color of an element to Hex CD71E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD71E0 }
```

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

```
.background{ background-color:#CD71E0 }
```

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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