

Converting Colors

Hex(CD78CD)

Have a look what the booklet for
Hex(CD78CD) contains.

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Color

Hex(CD78CD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD78CD |
| RGB | 205, 120, 205 |
| RGB Percent | 80%, 47%, 80% |
| CMY | 0.1961, 0.5294, 0.1961 |
| CMYK | 0.00, 0.41, 0.00, 0.20 |
| HSL | 300°, 46%, 64% |
| HSV | 300°, 41%, 80% |
| XYZ | 42.9128, 30.8199, 61.4447 |
| YIQ | 155.1050, 23.3750, 44.4550 |

Conversions

Conversions Part 2

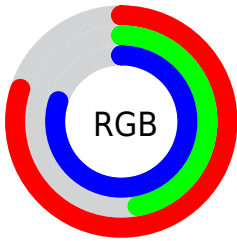
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 205, 120, 205 |
| Decimal | 13465805 |
| CIE _{Lab} | 62.36, 45.84, -30.18 |
| CIE _{LCh} | 62, 54.881, 326.640 |
| Yxy | 30.8199, 0.3175, 0.2280 |
| Android (android.graphics.Color) | 4291655885 (0xFFCD78CD) |
| YUV | 155.1050, 24.5982, 43.7579 |
| Hunter-Lab | 55.5156, 40.8255, -26.7612 |

Details

The Hex color **CD78CD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78CD78**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAEFF**, and **954496** is the 20% darker color. If you saturate the color by 10%, you get **CD64CD**, and if you desaturate by 10%, it is **CD8CCD**.

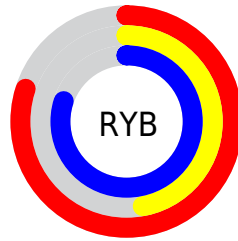
Distribution



Red (80%)

Green (47%)

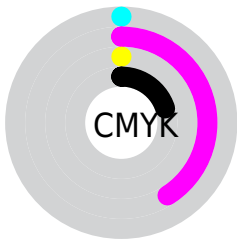
Blue (80%)



Red (80%)

Yellow (47%)

Blue (80%)

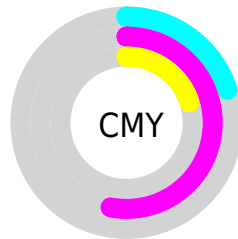


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD78CD 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 CD78CD by changing the saturation by 10% instead.

 CD78CD

 CD78CD

FFFFFF

 B15EB1

 FFAEFF

 954496

 FFCAFF

 7A2A7C

 FFE7FF

 600B63

 46004B

 2F0034

 0D001E

 000000

 CD78CD

 CD78CD

 CD64CD

 CD8CCD

 CD4FCD

 CDA1CD

 CD3ACD

 CDB5CD

 CD26CD

 CDCACD

 CD11CD

 CDDECD

 CD00CD

 CDF3CD

 CDFFCD

Harmonies

Analogous

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



8F8CEE



CD78CD



EC6B9E

Triad

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



CD78CD



B6922F



00AEC1

Complementary

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



CD78CD



78CD78

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.



00AE8F



CD78CD



86A13A

Square

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



CD78CD



DB8046



46AA5F



00A9E7

Rectangle

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



CD78CD



F16C7E



46AA5F



00AFB1

Sweetspot

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



CD78CD



FFE0FF



7878CD



806E80



000000



808080

Same Dimension

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



CD78CD



FF80FF



CD78A3



665C66



A600A6



260026

Inverse Universe

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



CD78CD



FF80FF



78CDA3



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CD78CD looks on a white background.

Color Contrast Check

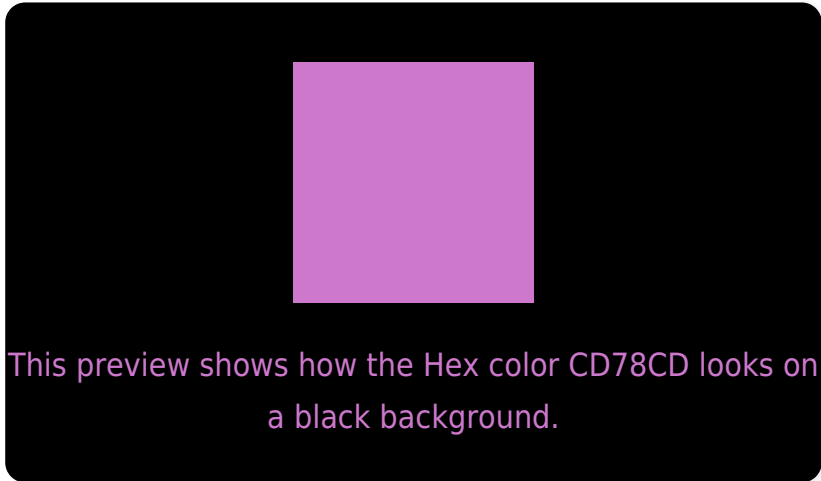
Large Text (above 18pt) WCAG AA × Fail

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

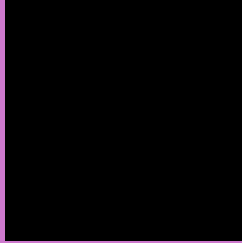
Any Text WCAG AA ✓ Pass

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 CD78CD Background



This preview shows how black text looks on a background with the Hex color CD78CD.

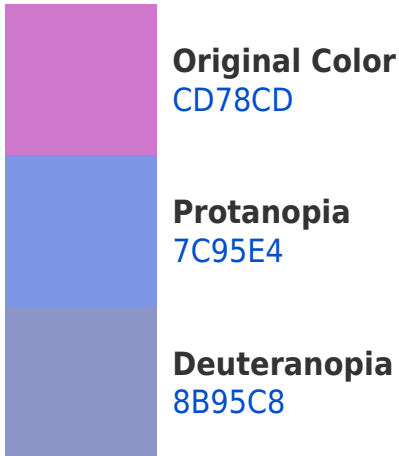


This preview shows how white text looks on a background with the Hex color CD78CD.

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](#).

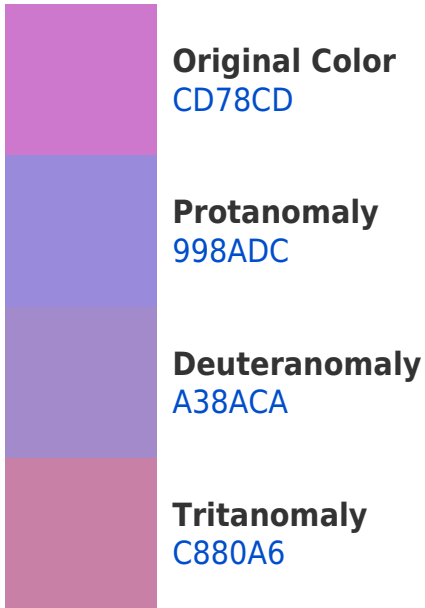
Dichromacy



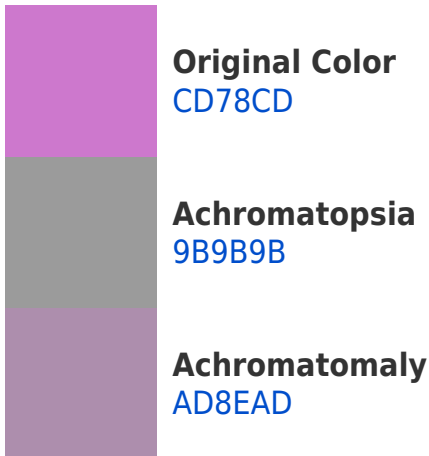


Tritanopia
C58590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD78CD 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 #CD78CD looks like.

```
.text, #text, p{  
    color:#CD78CD  
}
```

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 #CD78CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD78CD
}
```

Border

The CSS property to change the border of an element to Hex CD78CD 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
#CD78CD }
```

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

```
.border{ border-color:#CD78CD }
```

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

Here you see how a box with a 4 pixel #CD78CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD78CD; -webkit-box-shadow:4px 4px  
4px 4px #CD78CD; box-shadow:4px 4px 4px  
4px #CD78CD }
```

Background

The CSS property to change the background color of an element to Hex CD78CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD78CD }
```

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

```
.background{ background-color:#CD78CD }
```

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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