

Converting Colors

Hex(CC81CC)

Have a look what the booklet for
Hex(CC81CC) contains.

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Color

Hex(CC81CC)

Conversions

Conversions Part 1

Format	Color
Hex	CC81CC
RGB	204, 129, 204
RGB Percent	80%, 51%, 80%
CMY	0.2000, 0.4941, 0.2000
CMYK	0.00, 0.37, 0.00, 0.20
HSL	300°, 42%, 65%
HSV	300°, 37%, 80%
XYZ	43.6512, 32.8975, 61.1759
YIQ	159.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

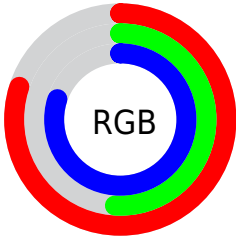
Format	Color
R_{YB}	204, 129, 204
Decimal	13402572
CIE _{Lab}	64.08, 40.60, -26.97
CIE _{LCh}	64, 48.742, 326.408
Yxy	32.8975, 0.3169, 0.2389
Android (android.graphics.Color)	4291592652 (0xFFCC81CC)
YUV	159.9750, 21.7043, 38.6099
Hunter-Lab	57.3564, 35.4742, -23.0889

Details

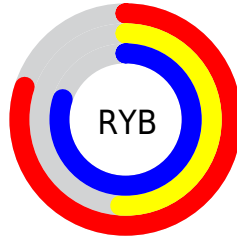
The Hex color **CC81CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81CC81**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB7FF**, and **944D96** is the 20% darker color. If you saturate the color by 10%, you get **CC6DCC**, and if you desaturate by 10%, it is **CC95CC**.

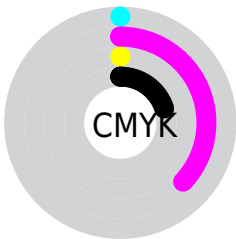
Distribution



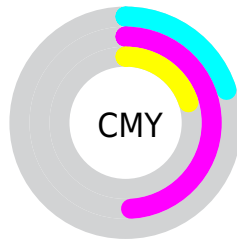
- Red (80%)
- Green (51%)
- Blue (80%)



- Red (80%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC81CC 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 CC81CC by changing the saturation by 10% instead.

 CC81CC

 CC81CC

FFFFFF

 B067B0

 FFB7FF

 944D96

 FFD3FF

 7A347C

 FFF0FF

 601B62

 46004A

 2E0033

 12001E

 000000

 CC81CC

 CC81CC

 CC6DCC

 CC95CC

 CC58CC

 CCAACC

 CC44CC

 CCBECC

 CC2FCC

 CCD3CC

 CC1BCC

 CCE7CC

 CC07CC

 CCFBCC

 CC00CC

 CCFFCC

Harmonies

Analogous

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



9692E9



CC81CC



E877A2

Triad

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



CC81CC



B99741



00B1C1

Complementary

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



CC81CC



81CC81

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.



00B194



CC81CC



8EA44A

Square

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



CC81CC



DA8754



58AD69



00ACE3

Rectangle

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



CC81CC



ED7785



58AD69



00B1B2

Sweetspot

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



CC81CC



FFE3FF



8181CC



806F80



000000



808080

Same Dimension

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



CC81CC



FF8FFF



CC81A7



665C66



A600A6



260026

Inverse Universe

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



CC81CC



FF8FFF



81CCA7



665C66



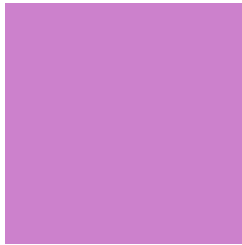
A600A6



260026

Previews

White Background



This preview shows how the Hex color CC81CC looks on a white background.

Color Contrast Check

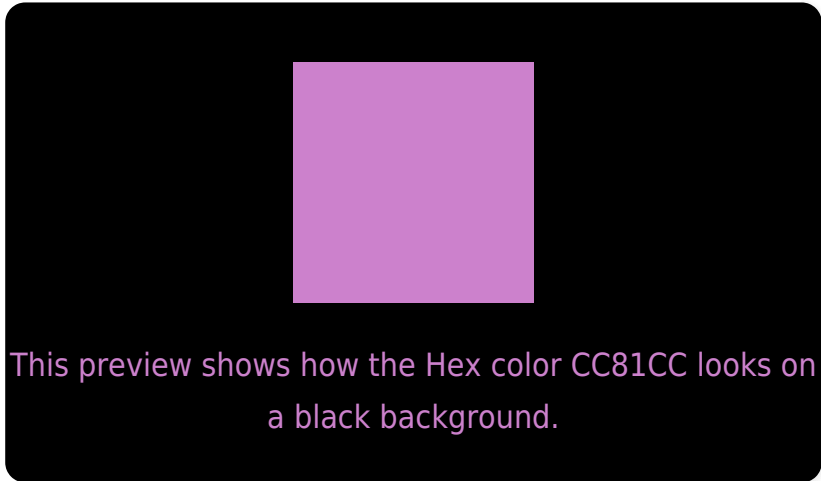
Large Text (above 18pt) WCAG AA × Fail

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 CC81CC Background



This preview shows how black text looks on a background with the Hex color CC81CC.

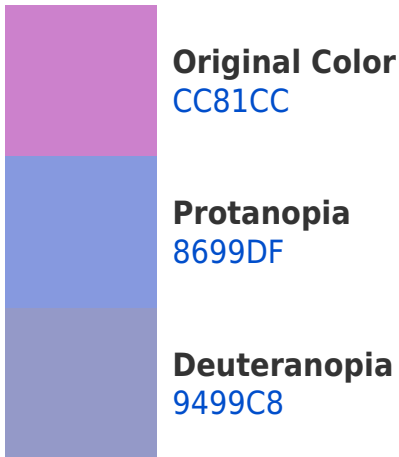


This preview shows how white text looks on a background with the Hex color CC81CC.

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](#).

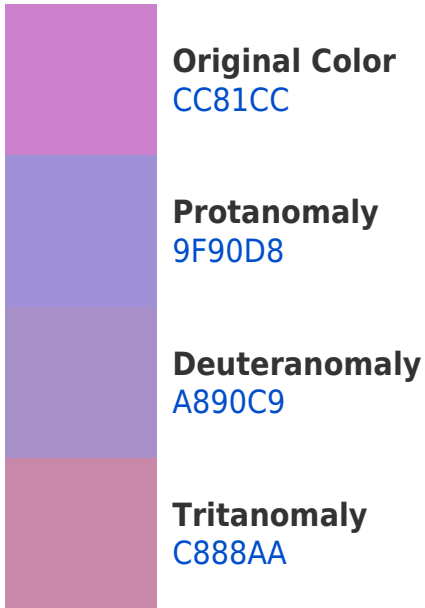
Dichromacy



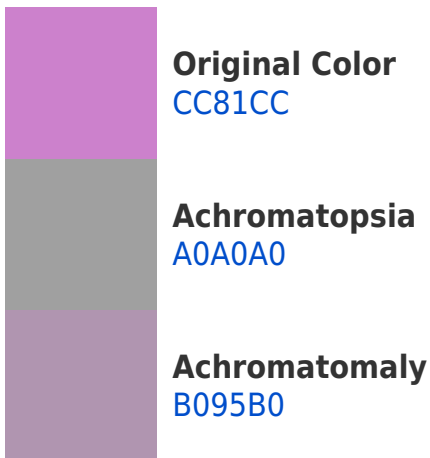


Tritanopia
C58C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC81CC 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 #CC81CC looks like.

```
.text, #text, p{  
    color:#CC81CC  
}
```

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 #CC81CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC81CC
}
```

Border

The CSS property to change the border of an element to Hex CC81CC 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
#CC81CC }
```

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

```
.border{ border-color:#CC81CC }
```

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

Here you see how a box with a 4 pixel #CC81CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC81CC; -webkit-box-shadow:4px 4px  
4px 4px #CC81CC; box-shadow:4px 4px 4px  
4px #CC81CC }
```

Background

The CSS property to change the background color of an element to Hex CC81CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC81CC }
```

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

```
.background{ background-color:#CC81CC }
```

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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