

Converting Colors

Hex(CD81BC)

Have a look what the booklet for
Hex(CD81BC) contains.

Hex(CD81BC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD81BC)

Conversions

Conversions Part 1

Format	Color
Hex	CD81BC
RGB	205, 129, 188
RGB Percent	80%, 51%, 74%
CMY	0.1961, 0.4941, 0.2627
CMYK	0.00, 0.37, 0.08, 0.20
HSL	313°, 43%, 65%
HSV	313°, 37%, 80%
XYZ	42.1042, 32.3105, 51.5944
YIQ	158.4500, 26.3570, 34.4610

Conversions

Conversions Part 2

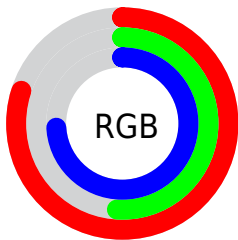
Format	Color
R_{YB}	205, 129, 188
Decimal	13468092
CIE _{Lab}	63.60, 38.05, -18.68
CIE _{LCh}	64, 42.394, 333.850
Yxy	32.3105, 0.3341, 0.2564
Android (android.graphics.Color)	4291658172 (0xFFCD81BC)
YUV	158.4500, 14.5682, 40.8244
Hunter-Lab	56.8423, 32.7443, -14.0264

Details

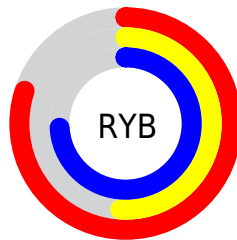
The Hex color **CD81BC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81CD92**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB7F4**, and **954E87** is the 20% darker color. If you saturate the color by 10%, you get **CD6DB7**, and if you desaturate by 10%, it is **CD96C1**.

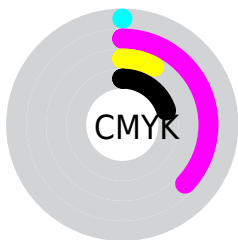
Distribution



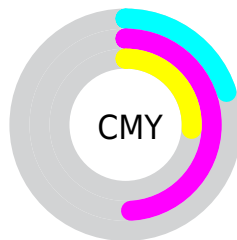
- Red (80%)
- Green (51%)
- Blue (74%)



- Red (80%)
- Yellow (51%)
- Blue (74%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD81BC 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 CD81BC by changing the saturation by 10% instead.

 CD81BC

 CD81BC

FFFFFF

 B167A1

 FFB7F4

 954E87

 FFD3FF

 7B356D

 FFF0FF

 611C55

 47003D

 300028

 110011

 000000

 CD81BC

 CD81BC

CD6DB7

CD96C1

CD58B3

CDAAC5

CD44AE

CDBFCA

CD2FAA

CDD3CE

CD1BA5

CDE8D3

CD06A0

CDFCD8

CD009F

CDFE1

CDFFE1

CDFFE5

Harmonies

Analogous

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



A48ED9



CD81BC



E07B97

Triad

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



CD81BC



AD994D



00ACC3

Complementary

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



CD81BC



81CD92

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.



00AE9E



CD81BC



85A459

Square

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



CD81BC



CC8C57



54AB77



00A7DD

Rectangle

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



CD81BC



E27D7E



54AB77



00ADB7

Sweetspot

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



CD81BC



FFE3F9



9181CD



806F7C



000000



808080

Same Dimension

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



CD81BC



FF8FE6



CD8197



665C64



A60081



26001E

Inverse Universe

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



CD81BC



FF8FE6



81CDB7



665C64



A60081



26001E

Previews

White Background



This preview shows how the Hex color CD81BC looks on a white background.

Color Contrast Check

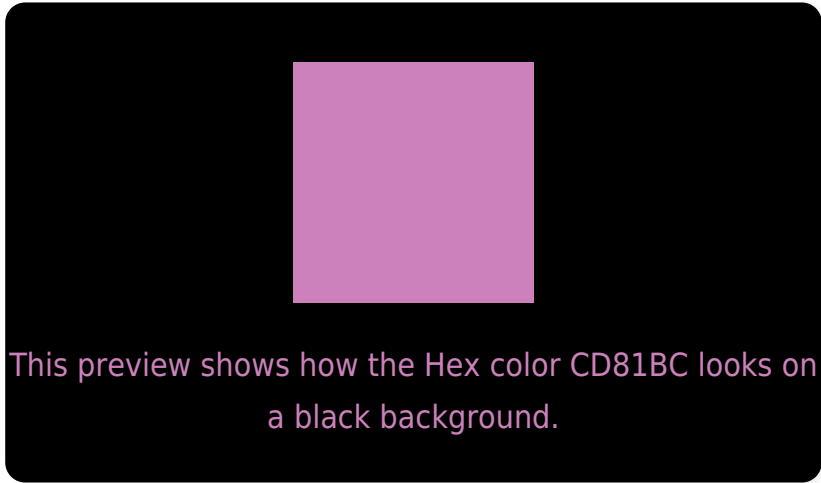
Large Text (above 18pt) WCAG AA × Fail

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

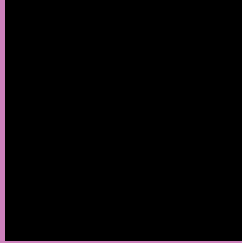
Any Text WCAG AA ✓ Pass

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 CD81BC Background



This preview shows how black text looks on a background with the Hex color CD81BC.

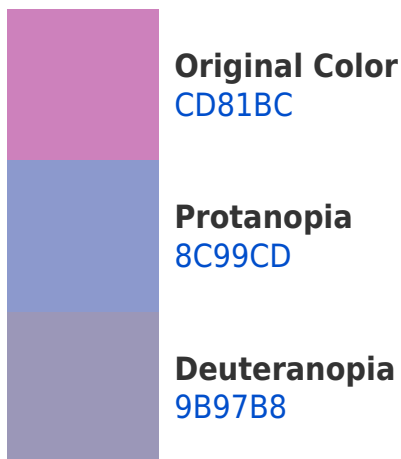



This preview shows how white text looks on a background with the Hex color CD81BC.

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
C88993

Trichromacy



Original Color
CD81BC



Protanomaly
A490C7



Deuteranomaly
AD8FB9

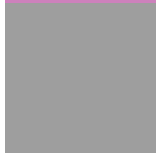


Tritanomaly
CA86A2

Monochromacy



Original Color
CD81BC



Achromatopsia
9E9E9E



Achromatomaly
AF93A9

CSS Examples

Text

The CSS property to change the color of the text to Hex CD81BC 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 #CD81BC looks like.

```
.text, #text, p{  
    color:#CD81BC  
}
```

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 #CD81BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD81BC
}
```

Border

The CSS property to change the border of an element to Hex CD81BC 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
#CD81BC }
```

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

```
.border{ border-color:#CD81BC }
```

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

Here you see how a box with a 4 pixel #CD81BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD81BC; -webkit-box-shadow:4px 4px  
4px 4px #CD81BC; box-shadow:4px 4px 4px  
4px #CD81BC }
```

Background

The CSS property to change the background color of an element to Hex CD81BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD81BC }
```

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

```
.background{ background-color:#CD81BC }
```

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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