

Converting Colors

Hex(CC80B4)

Have a look what the booklet for
Hex(CC80B4) contains.

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Color

Hex(CC80B4)

Conversions

Conversions Part 1

Format	Color
Hex	CC80B4
RGB	204, 128, 180
RGB Percent	80%, 50%, 71%
CMY	0.2000, 0.4980, 0.2941
CMYK	0.00, 0.37, 0.12, 0.20
HSL	319°, 43%, 65%
HSV	319°, 37%, 80%
XYZ	40.8592, 31.5710, 47.1203
YIQ	156.6520, 28.6040, 32.2840

Conversions

Conversions Part 2

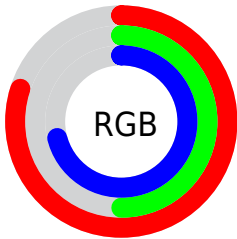
Format	Color
R_{YB}	204, 128, 180
Decimal	13402292
CIE _{Lab}	62.99, 36.90, -15.10
CIE _{LCh}	63, 39.867, 337.750
Yxy	31.5710, 0.3418, 0.2641
Android (android.graphics.Color)	4291592372 (0xFFCC80B4)
YUV	156.6520, 11.5106, 41.5242
Hunter-Lab	56.1881, 31.4737, -10.3900

Details

The Hex color **CC80B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80CC98**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB6EC**, and **944D7F** is the 20% darker color. If you saturate the color by 10%, you get **CC6CAE**, and if you desaturate by 10%, it is **CC94BA**.

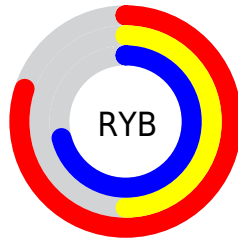
Distribution



Red (80%)

Green (50%)

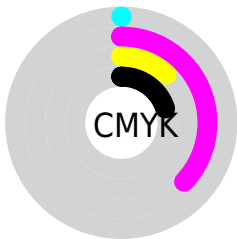
Blue (71%)



Red (80%)

Yellow (50%)

Blue (71%)

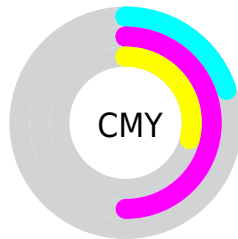


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC80B4 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 CC80B4 by changing the saturation by 10% instead.

 CC80B4

 CC80B4

FFFFFF

 B06699

 FFB6EC

 944D7F

 FFD2FF

 7A3466

 FFEFFF

 601B4E

 460037

 2F0022

 0E0008

 000000

 CC80B4

 CC80B4

 CC6CAE

 CC94BA

 CC57A7

 CCA9C1

 CC43A1

 CCBDC7

 CC2E9A

 CCD2CE

 CC1A94

 CCE6D4

 CC068D

 CCFADB

 CC008C

 CCFFE1

 CCFFE8

 CCFFEE

Harmonies

Analogous

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



A88CD1



CC80B4



DC7C90

Triad

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



CC80B4



A69951



00A9C3

Complementary

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



CC80B4



80CC98

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.



00ABA1



CC80B4



80A35F

Square

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



CC80B4



C58D57



52A97C



1CA3D9

Rectangle

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



CC80B4



DB7F79



52A97C



00AAB8

Sweetspot

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



CC80B4



FFE3F6



9780CC



806F7A



000000



808080

Same Dimension

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



CC80B4



FF8CDB



CC808F



665C63



A60071



26001A

Inverse Universe

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



CC80B4



FF8CDB



80CCBD



665C63



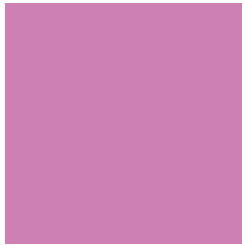
A60071



26001A

Previews

White Background



This preview shows how the Hex color CC80B4 looks on a white background.

Color Contrast Check

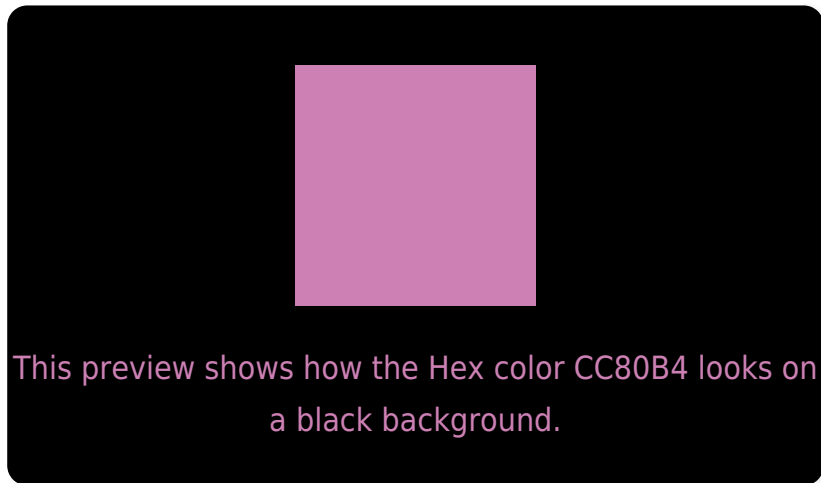
Large Text (above 18pt) WCAG AA × Fail

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 CC80B4 Background



This preview shows how black text looks on a background with the Hex color CC80B4.

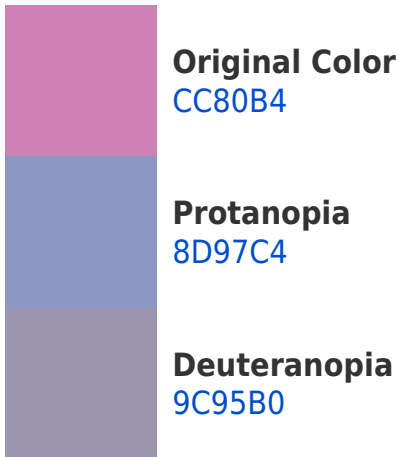


This preview shows how white text looks on a background with the Hex color CC80B4.

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
C88791

Trichromacy



Original Color
CC80B4



Protanomaly
A48FBE



Deuteranomaly
AD8DB1

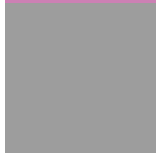


Tritanomaly
C9849E

Monochromacy



Original Color
CC80B4



Achromatopsia
9D9D9D



Achromatomaly
AE92A5

CSS Examples

Text

The CSS property to change the color of the text to Hex CC80B4 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 #CC80B4 looks like.

```
.text, #text, p{  
    color:#CC80B4  
}
```

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 #CC80B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC80B4
}
```

Border

The CSS property to change the border of an element to Hex CC80B4 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
#CC80B4 }
```

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

```
.border{ border-color:#CC80B4 }
```

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

Here you see how a box with a 4 pixel #CC80B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC80B4; -webkit-box-shadow:4px 4px  
4px 4px #CC80B4; box-shadow:4px 4px 4px  
4px #CC80B4 }
```

Background

The CSS property to change the background color of an element to Hex CC80B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC80B4 }
```

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

```
.background{ background-color:#CC80B4 }
```

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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