

Converting Colors

Hex(CB76B4)

Have a look what the booklet for
Hex(CB76B4) contains.

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Color

Hex(CB76B4)

Conversions

Conversions Part 1

Format	Color
Hex	CB76B4
RGB	203, 118, 180
RGB Percent	80%, 46%, 71%
CMY	0.2039, 0.5373, 0.2941
CMYK	0.00, 0.42, 0.11, 0.20
HSL	316°, 45%, 63%
HSV	316°, 42%, 80%
XYZ	39.3453, 28.9487, 46.6939
YIQ	150.4830, 30.7580, 37.3020

Conversions

Conversions Part 2

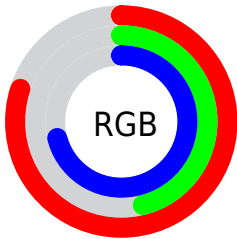
Format	Color
R_{YB}	203, 118, 180
Decimal	13334196
CIE _{Lab}	60.74, 41.88, -18.52
CIE _{LCh}	61, 45.790, 336.146
Yxy	28.9487, 0.3422, 0.2518
Android (android.graphics.Color)	4291524276 (0xFFC _B 76B ₄)
YUV	150.4830, 14.5519, 46.0574
Hunter-Lab	53.8040, 36.3749, -13.7922

Details

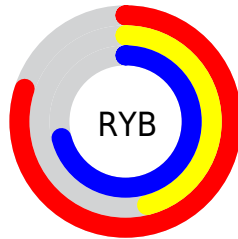
The Hex color **CB76B4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76CB8D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFACEC**, and **93427F** is the 20% darker color. If you saturate the color by 10%, you get **CB62AF**, and if you desaturate by 10%, it is **CB8AB9**.

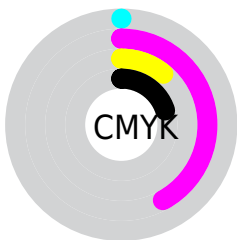
Distribution



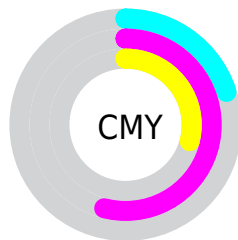
- Red (80%)
- Green (46%)
- Blue (71%)



- Red (80%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)
- Black (20%)



- Cyan (20%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB76B4 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 CB76B4 by changing the saturation by 10% instead.



CB76B4



CB76B4

FFFFFF



AF5C99



FFACEC



93427F



FFC8FF



782966



FFE4FF



5E0C4E



440037



2F0022



020006



000000



CB76B4



CB76B4

 CB62AF

 CB8AB9

 CB4DA9

 CB9FBF

 CB39A4

 CBB3C4

 CB259E

 CBC7CA

 CB1199

 CBDCCF

 CB0094

 CBF0D5

 CBFFDA

 CBFFE0

 CBFFE5

Harmonies

Analogous

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



A185D4



CB76B4



DE708C

Triad

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



CB76B4



A2933F



00A6C1

Complementary

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



CB76B4



76CB8D

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.



00A79A



CB76B4



789E4F

Square

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



CB76B4



C48548



3FA470



009FDC

Rectangle

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



CB76B4



DD7371



3FA470



00A7B5

Sweetspot

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



CB76B4



FFDEF6



8D76CB



806B7A



000000



808080

Same Dimension

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



CB76B4



FF80DD



CB768A



665C63



A60079



26001C

Inverse Universe

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



CB76B4



FF80DD



76CBB7



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color CB76B4 looks on a white background.

Color Contrast Check

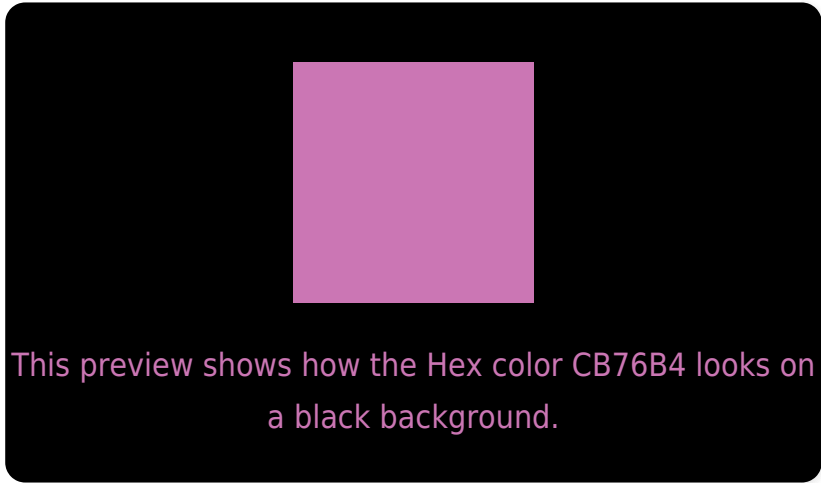
Large Text (above 18pt) WCAG AA ✓ Pass

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

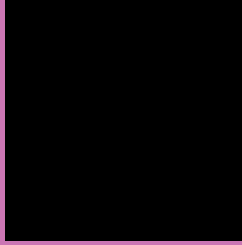
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex CB76B4 Background



This preview shows how black text looks on a background with the Hex color CB76B4.

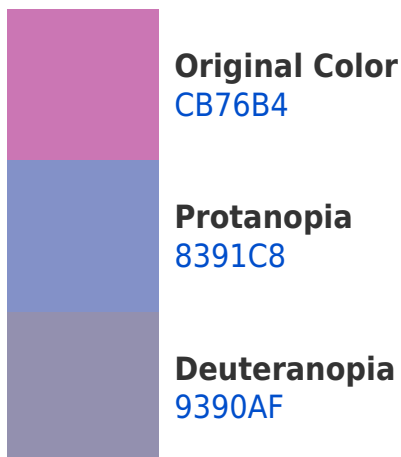


This preview shows how white text looks on a background with the Hex color CB76B4.

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](#).

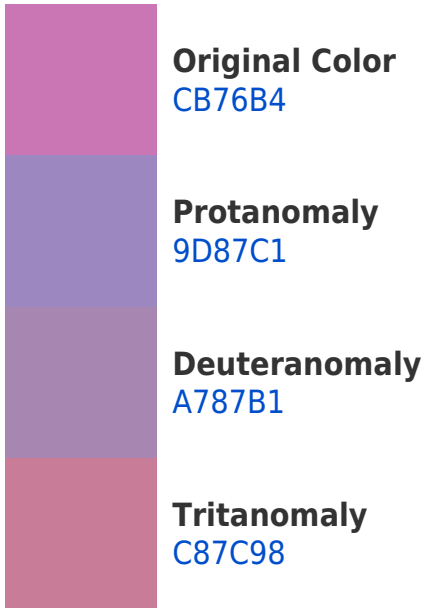
Dichromacy



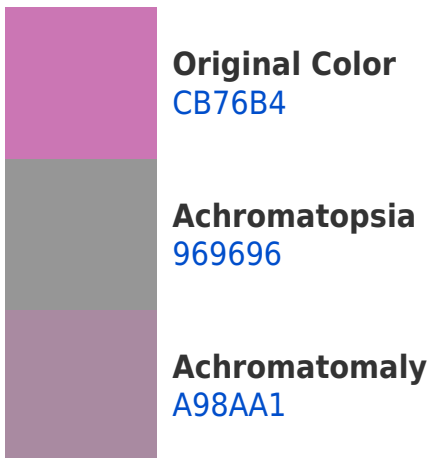


Tritanopia
C67F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB76B4 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 #CB76B4 looks like.

```
.text, #text, p{  
    color:#CB76B4  
}
```

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 #CB76B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB76B4
}
```

Border

The CSS property to change the border of an element to Hex CB76B4 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
#CB76B4 }
```

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

```
.border{ border-color:#CB76B4 }
```

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

Here you see how a box with a 4 pixel #CB76B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB76B4; -webkit-box-shadow:4px 4px  
4px 4px #CB76B4; box-shadow:4px 4px 4px  
4px #CB76B4 }
```

Background

The CSS property to change the background color of an element to Hex CB76B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB76B4 }
```

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

```
.background{ background-color:#CB76B4 }
```

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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