

Converting Colors

Hex(CC64BB)

Have a look what the booklet for
Hex(CC64BB) contains.

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Color

Hex(CC64BB)

Conversions

Conversions Part 1

Format	Color
Hex	CC64BB
RGB	204, 100, 187
RGB Percent	80%, 39%, 73%
CMY	0.2000, 0.6078, 0.2667
CMYK	0.00, 0.51, 0.08, 0.20
HSL	310°, 50%, 60%
HSV	310°, 51%, 80%
XYZ	38.4287, 25.5396, 49.9179
YIQ	141.0140, 34.0570, 49.1050

Conversions

Conversions Part 2

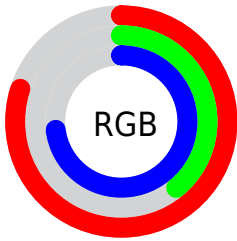
Format	Color
RYB	204, 100, 187
Decimal	13395131
CIELab	57.60, 52.49, -27.32
CIELCh	58, 59.178, 332.502
Yxy	25.5396, 0.3374, 0.2243
Android (android.graphics.Color)	4291585211 (0xFFCC64BB)
YUV	141.0140, 22.6711, 55.2387
Hunter-Lab	50.5367, 47.2942, -23.1884

Details

The Hex color **CC64BB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64CC75**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9AF3**, and **932E85** is the 20% darker color. If you saturate the color by 10%, you get **CC50B8**, and if you desaturate by 10%, it is **CC78BE**.

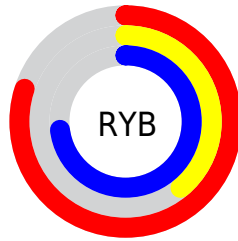
Distribution



Red (80%)

Green (39%)

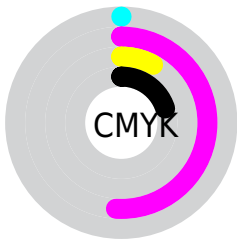
Blue (73%)



Red (80%)

Yellow (39%)

Blue (73%)

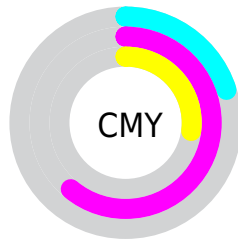


Cyan (0%)

Magenta (51%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (61%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC64BB 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 CC64BB by changing the saturation by 10% instead.

 CC64BB

 CC64BB

FFFFFF

 AF49A0

 FF9AF3

 932E85

 FFB6FF

 780B6C

 FFD3FF

 5D0053

 FFF0FF

 43003C

 2C0026

 00010E

 000000

 CC64BB

 CC64BB

 CC50B8

 CC78BE

 CC3BB4

 CC8DC2

 CC27B1

 CCA1C5

 CC12AE

 CCB6C8

 CC00AB

 CCCACC

 CCDECF

 CCF3D2

 CCFFD6

 CCFFD9

Harmonies

Analogous

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



907BE2



CC64BB



E65888

Triad

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



CC64BB



A08912



00A2C1

Complementary

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



CC64BB



64CC75

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.



00A38D



CC64BB



6C972A

Square

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



CC64BB



CA762B



009F58



009CE6

Rectangle

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



CC64BB



E75C66



009F58



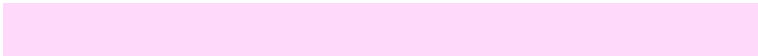
00A3B0

Sweetspot

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



CC64BB



FFD9F9



7464CC



80697C



000000



808080

Same Dimension

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



CC64BB



FF63E6



CC6488



665C64



A6008B



260020

Inverse Universe

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



CC64BB



FF63E6



64CCA8



665C64



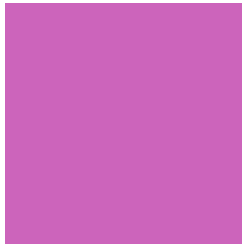
A6008B



260020

Previews

White Background



This preview shows how the Hex color CC64BB looks on a white background.

Color Contrast Check

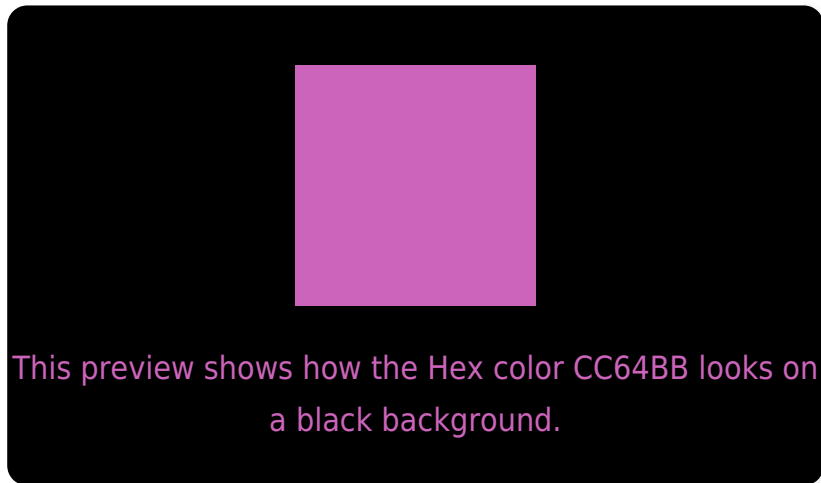
Large Text (above 18pt) WCAG AA ✓ Pass

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

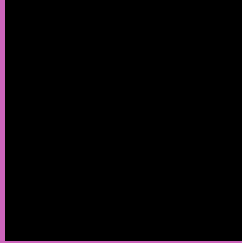
Any Text WCAG AA ✓ Pass

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 CC64BB Background



This preview shows how black text looks on a background with the Hex color CC64BB.

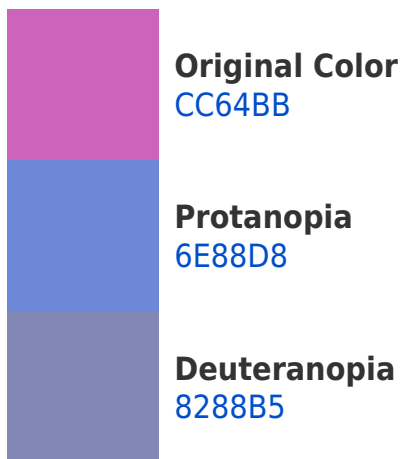


This preview shows how white text looks on a background with the Hex color CC64BB.

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
C5737B

Trichromacy



Original Color
CC64BB



Protanomaly
907BCD



Deuteranomaly
9D7BB7



Tritanomaly
C86E92

Monochromacy



Original Color
CC64BB



Achromatopsia
8D8D8D



Achromatomaly
A47E9E

CSS Examples

Text

The CSS property to change the color of the text to Hex CC64BB 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 #CC64BB looks like.

```
.text, #text, p{  
    color:#CC64BB  
}
```

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 #CC64BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC64BB
}
```

Border

The CSS property to change the border of an element to Hex CC64BB 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
#CC64BB }
```

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

```
.border{ border-color:#CC64BB }
```

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

Here you see how a box with a 4 pixel #CC64BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC64BB; -webkit-box-shadow:4px 4px  
4px 4px #CC64BB; box-shadow:4px 4px 4px  
4px #CC64BB }
```

Background

The CSS property to change the background color of an element to Hex CC64BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC64BB }
```

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

```
.background{ background-color:#CC64BB }
```

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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