

Converting Colors

Hex(CC85B3)

Have a look what the booklet for
Hex(CC85B3) contains.

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Color

Hex(CC85B3)

Conversions

Conversions Part 1

Format	Color
Hex	CC85B3
RGB	204, 133, 179
RGB Percent	80%, 52%, 70%
CMY	0.2000, 0.4784, 0.2980
CMYK	0.00, 0.35, 0.12, 0.20
HSL	321°, 41%, 66%
HSV	321°, 35%, 80%
XYZ	41.4261, 32.8671, 46.8084
YIQ	159.4730, 27.5500, 29.3580

Conversions

Conversions Part 2

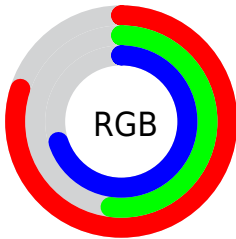
Format	Color
R_{YB}	204, 133, 179
Decimal	13403571
CIE _{Lab}	64.05, 34.04, -12.92
CIE _{LCh}	64, 36.409, 339.212
Yxy	32.8671, 0.3421, 0.2714
Android (android.graphics.Color)	4291593651 (0xFFCC85B3)
YUV	159.4730, 9.6268, 39.0502
Hunter-Lab	57.3298, 28.6554, -8.2780

Details

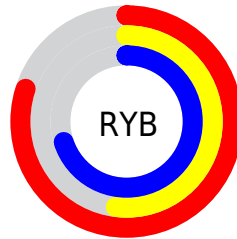
The Hex color **CC85B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85CC9E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBBEB**, and **95527E** is the 20% darker color. If you saturate the color by 10%, you get **CC71AC**, and if you desaturate by 10%, it is **CC99BA**.

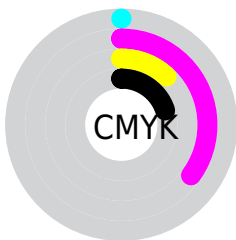
Distribution



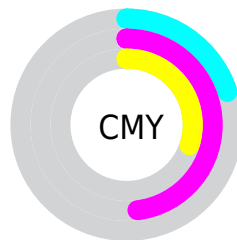
- Red (80%)
- Green (52%)
- Blue (70%)



- Red (80%)
- Yellow (52%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC85B3 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 CC85B3 by changing the saturation by 10% instead.

 CC85B3

 CC85B3

FFFFFF

 B06B98

 FFBBEB

 95527E

 FFD7FF

 7A3965

 FFF4FF

 60214D

 470636

 2F0021

 110007

 000000

 CC85B3

 CC85B3

 CC71AC

 CC99BA

 CC5CA5

 CCAEC1

 CC489D

 CCC2C9

 CC3396

 CCD7D0

 CC1F8F

 CCEBD7

 CC0B88

 CCFFDE

 CC0084

 CCFFE5

 CCFFEC

 CCFFF4

Harmonies

Analogous

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



AC8FCE



CC85B3



DA8292

Triad

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



CC85B3



A79D5A



00ABC3

Complementary

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



CC85B3



85CC9E

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.



27ADA4



CC85B3



83A568

Square

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



CC85B3



C3915F



5AAB83



40A5D7

Rectangle

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



CC85B3



D9847D



5AAB83



00ACBA

Sweetspot

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



CC85B3



FFE6F6



9E85CC



80707A



000000



808080

Same Dimension

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



CC85B3



FF94D9



CC8590



665C62



A6006B



260019

Inverse Universe

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



CC85B3



FF94D9



85CCC1



665C62



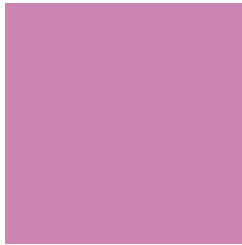
A6006B



260019

Previews

White Background



This preview shows how the Hex color CC85B3 looks on a white background.

Color Contrast Check

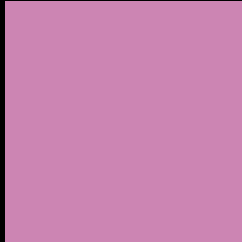
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CC85B3 looks on a 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 CC85B3 Background



This preview shows how black text looks on a background with the Hex color CC85B3.

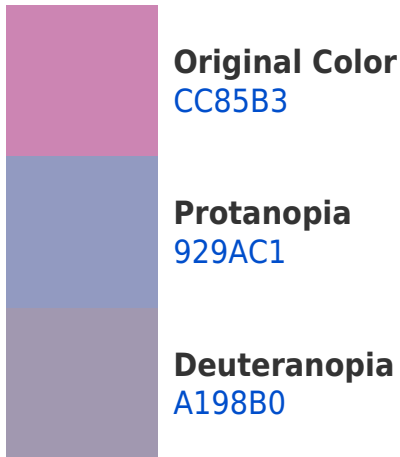


This preview shows how white text looks on a background with the Hex color CC85B3.

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
C88B95

Trichromacy



Original Color
CC85B3



Protanomaly
A792BC



Deuteranomaly
B191B1

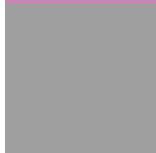


Tritanomaly
C989A0

Monochromacy



Original Color
CC85B3



Achromatopsia
9F9F9F



Achromatomaly
AF96A6

CSS Examples

Text

The CSS property to change the color of the text to Hex CC85B3 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 #CC85B3 looks like.

```
.text, #text, p{  
    color:#CC85B3  
}
```

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 #CC85B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC85B3
}
```

Border

The CSS property to change the border of an element to Hex CC85B3 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
#CC85B3 }
```

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

```
.border{ border-color:#CC85B3 }
```

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

Here you see how a box with a 4 pixel #CC85B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC85B3; -webkit-box-shadow:4px 4px  
4px 4px #CC85B3; box-shadow:4px 4px 4px  
4px #CC85B3 }
```

Background

The CSS property to change the background color of an element to Hex CC85B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC85B3 }
```

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

```
.background{ background-color:#CC85B3 }
```

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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