

# Converting Colors

Hex(C85EA6)

Have a look what the booklet for  
Hex(C85EA6) contains.

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# Color

Hex(C85EA6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C85EA6
RGB	200, 94, 166
RGB Percent	78%, 37%, 65%
CMY	0.2157, 0.6314, 0.3490
CMYK	0.00, 0.53, 0.17, 0.22
HSL	319°, 49%, 58%
HSV	319°, 53%, 78%
XYZ	34.7051, 23.0379, 38.6940
YIQ	133.9020, 40.0640, 44.8640

# Conversions

## Conversions Part 2

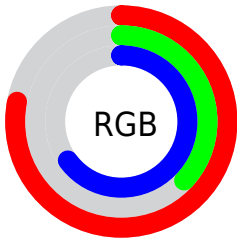
Format	Color
R <sub>YB</sub>	200, 94, 166
Decimal	13131430
CIE Lab	55.11, 50.86, -19.06
CIE LCh	55, 54.312, 339.458
Yxy	23.0379, 0.3599, 0.2389
Android (android.graphics.Color)	4291321510 (0xFFC85EA6)
YUV	133.9020, 15.8243, 57.9679
Hunter-Lab	47.9979, 45.0689, -14.1988

# Details

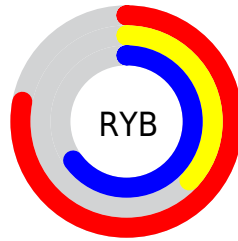
The Hex color **C85EA6** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5EC880**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF94DD**, and **8F2772** is the 20% darker color. If you saturate the color by 10%, you get **C84AA0**, and if you desaturate by 10%, it is **C872AC**.

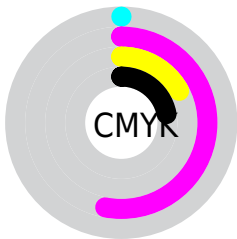
# Distribution



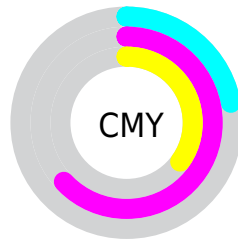
- Red (78%)
- Green (37%)
- Blue (65%)



- Red (78%)
- Yellow (37%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (63%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C85EA6 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 C85EA6 by changing the saturation by 10% instead.



 C85EA6

 C85EA6

FFFFFF

 AB438C

 FF94DD

 8F2772

 FFB0FA

 740159

 FFCCFF

 590042

 FFE9FF

 3F002B

 270016

 000000

 C85EA6

 C85EA6

 C84AA0

 C872AC

 C83699

 C886B3

 C82293

 C89AB9

 C80E8C

 C8AEC0

 C80088

 C8C2C6

 C8D6CC

 C8EAD3

 C8FED9

 C8FFE0

# Harmonies

## Analogous

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



9A71CD



C85EA6



D95877

# Triad

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



C85EA6



8F861C



0099BF

# Complementary

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



C85EA6



5EC880

# 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.



009B92



C85EA6



5C9236

# Square

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



C85EA6



B77628



009861



0092DC

# Rectangle

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



C85EA6



D75E58



009861



009AB1



# Sweetspot

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



C85EA6



FFD6F2



805EC8



806778



000000



808080



# Same Dimension

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



C85EA6



FF5CCB



C85E71



635A60



A3006F



240018



# Inverse Universe

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



C85EA6



FF5CCB



5EC8B5



635A60



A3006F



240018



# Previews

## White Background



This preview shows how the Hex color C85EA6 looks on a white background.

## Color Contrast Check

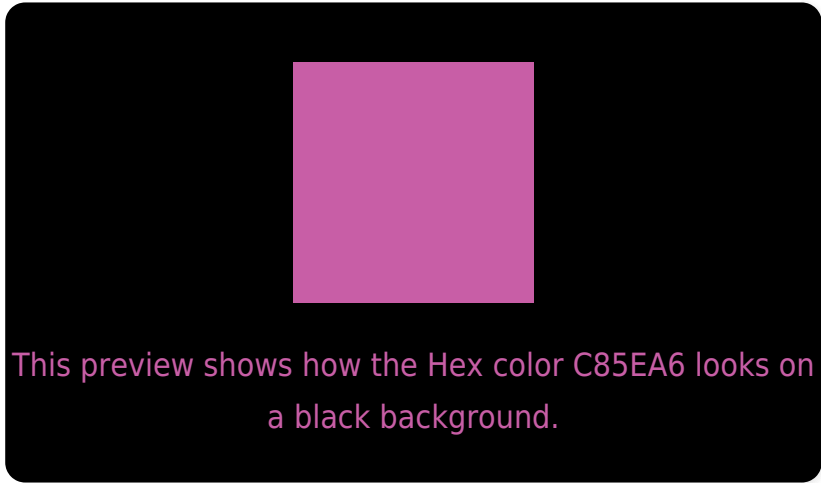
Large Text (above 18pt) WCAG AA ✓ Pass

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

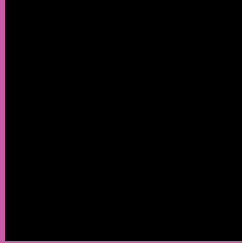
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C85EA6 Background



This preview shows how black text looks on a background with the Hex color C85EA6.

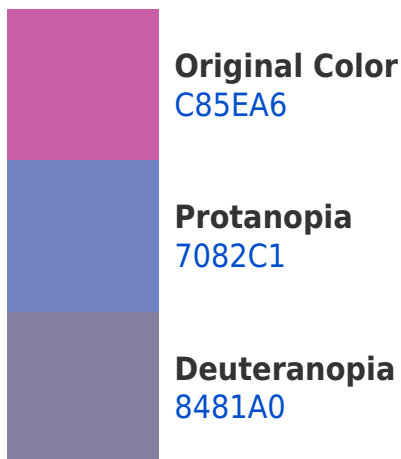



This preview shows how white text looks on a background with the Hex color C85EA6.

# 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](#).

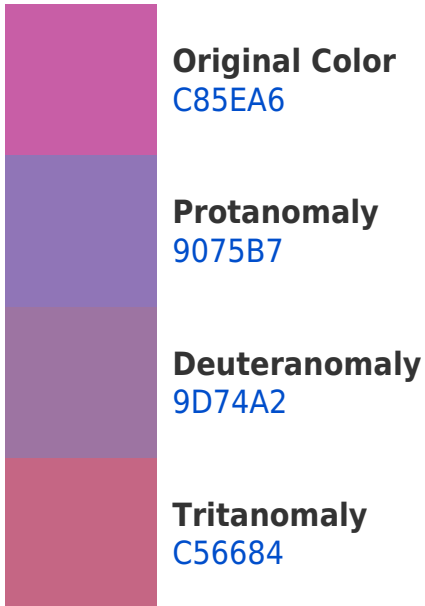
## Dichromacy





**Tritanopia**  
C36A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C85EA6 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 #C85EA6 looks like.

```
.text, #text, p{  
    color:#C85EA6  
}
```

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 #C85EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C85EA6
}
```

## Border

The CSS property to change the border of an element to Hex C85EA6 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
#C85EA6 }
```

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

```
.border{ border-color:#C85EA6 }
```

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

Here you see how a box with a 4 pixel #C85EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C85EA6; -webkit-box-shadow:4px 4px  
4px 4px #C85EA6; box-shadow:4px 4px 4px  
4px #C85EA6 }
```

# Background

The CSS property to change the background color of an element to Hex C85EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C85EA6 }
```

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

```
.background{ background-color:#C85EA6 }
```

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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