

# Converting Colors

Hex(C259C6)

Have a look what the booklet for  
Hex(C259C6) contains.

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# **Color**

**Hex(C259C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C259C6
RGB	194, 89, 198
RGB Percent	76%, 35%, 78%
CMY	0.2392, 0.6510, 0.2235
CMYK	0.02, 0.55, 0.00, 0.22
HSL	298°, 49%, 56%
HSV	298°, 55%, 78%
XYZ	36.0136, 22.6913, 55.9078
YIQ	132.8210, 27.5910, 56.1590

# Conversions

## Conversions Part 2

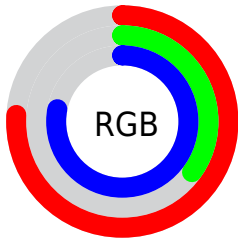
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 89, 198
Decimal	12736966
CIELab	54.75, 56.84, -38.16
CIELCh	55, 68.464, 326.121
Yxy	22.6913, 0.3142, 0.1980
Android (android.graphics.Color)	4290927046 (0xFFC259C6)
YUV	132.8210, 32.1332, 53.6540
Hunter-Lab	47.6354, 51.5885, -36.2416

# Details

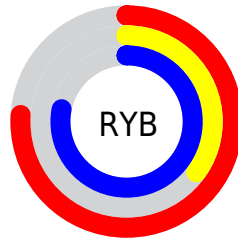
The Hex color **C259C6** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5DC659**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FD90FF**, and **8A2090** is the 20% darker color. If you saturate the color by 10%, you get **C145C6**, and if you desaturate by 10%, it is **C36DC6**.

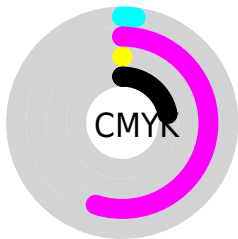
# Distribution



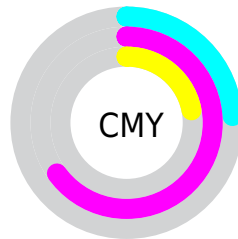
- Red (76%)
- Green (35%)
- Blue (78%)



- Red (76%)
- Yellow (35%)
- Blue (78%)



- Cyan (2%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (65%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C259C6 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 C259C6 by changing the saturation by 10% instead.



 C259C6

 C259C6

FFFFFF

 A53EAA

 FD90FF

 8A2090

 FFACFF

 6E0076

 FFC8FF

 53005C

 FFE5FF

 3A0044

 20002D

 000117

 000000

 C259C6

 C259C6

 C145C6

 C36DC6

 C131C6

 C381C6

 C01EC6

 C494C6

 BF0AC6

 C5A8C6

 BF00C6

 C6BCC6

 C6D0C6

 C7E4C6

 C8F7C6

 C9FFC6

# Harmonies

## Analogous

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



6F77EE



C259C6



E6428D

# Triad

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



C259C6



A47E00



009DB6

# Complementary

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



C259C6



5DC659

# 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.



009D79



C259C6



6B8F00

# Square

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



C259C6



D0651A



00993C



0099E5

# Rectangle

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



C259C6



EB4366



00993C



009EA2



# Sweetspot

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



C259C6



FDD4FF



595EC6



7F6680



000000



808080



# Same Dimension

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



C259C6



F957FF



C65995



635A63



9D00A3



220024



# Inverse Universe

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



C6595D



FF575D



59C68A



635A5A



A30006

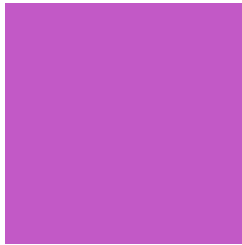


240001



# Previews

## White Background



This preview shows how the Hex color C259C6 looks on a white background.

## Color Contrast Check

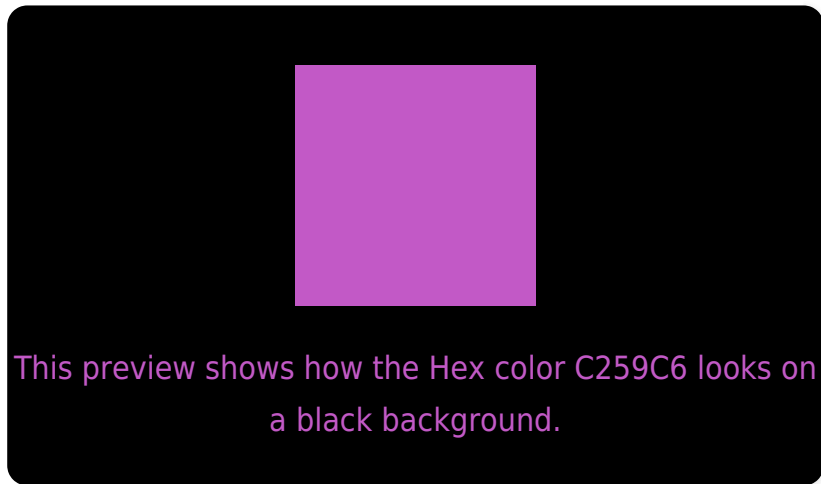
Large Text (above 18pt) WCAG AA ✓ Pass

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

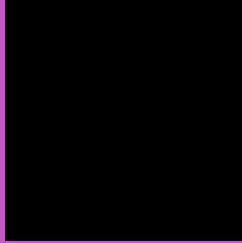
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C259C6 Background



This preview shows how black text looks on a background with the Hex color C259C6.

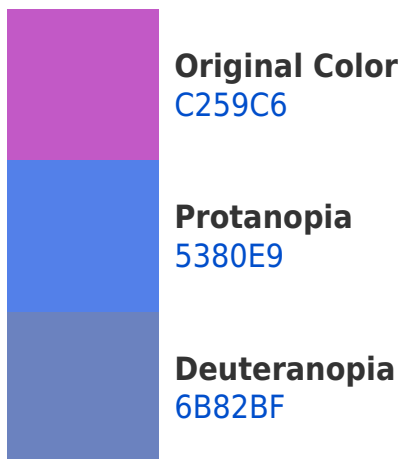


This preview shows how white text looks on a background with the Hex color C259C6.

# 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**  
B86E76

# Trichromacy



**Original Color**  
C259C6



**Protanomaly**  
7B72DC



**Deuteranomaly**  
8B73C2



**Tritanomaly**  
BC6693

# Monochromacy



**Original Color**  
C259C6



**Achromatopsia**  
858585



**Achromatomaly**  
9B759D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C259C6 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 #C259C6 looks like.

```
.text, #text, p{  
    color:#C259C6  
}
```

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 #C259C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C259C6
}
```

## Border

The CSS property to change the border of an element to Hex C259C6 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
#C259C6 }
```

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

```
.border{ border-color:#C259C6 }
```

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

Here you see how a box with a 4 pixel #C259C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C259C6; -webkit-box-shadow:4px 4px  
4px 4px #C259C6; box-shadow:4px 4px 4px  
4px #C259C6 }
```

# Background

The CSS property to change the background color of an element to Hex C259C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C259C6 }
```

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

```
.background{ background-color:#C259C6 }
```

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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