

Converting Colors

Hex(C159BF)

Have a look what the booklet for
Hex(C159BF) contains.

Hex(C159BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C159BF)

Conversions

Conversions Part 1

Format	Color
Hex	C159BF
RGB	193, 89, 191
RGB Percent	76%, 35%, 75%
CMY	0.2431, 0.6510, 0.2510
CMYK	0.00, 0.54, 0.01, 0.24
HSL	301°, 46%, 55%
HSV	301°, 54%, 76%
XYZ	34.9687, 22.2438, 51.7406
YIQ	131.7240, 29.2420, 53.7700

Conversions

Conversions Part 2

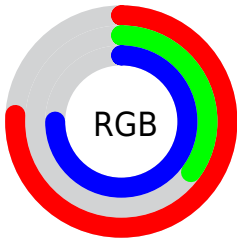
Format	Color
RYB	193, 89, 191
Decimal	12671423
CIELab	54.28, 55.32, -34.89
CIELCh	54, 65.407, 327.763
Yxy	22.2438, 0.3210, 0.2042
Android (android.graphics.Color)	4290861503 (0xFFC159BF)
YUV	131.7240, 29.2231, 53.7391
Hunter-Lab	47.1633, 49.8108, -32.0299

Details

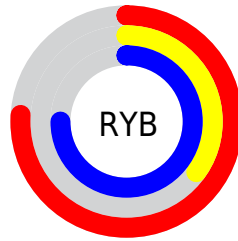
The Hex color **C159BF** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **59C15B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FC8FF8**, and **892089** is the 20% darker color. If you saturate the color by 10%, you get **C146BF**, and if you desaturate by 10%, it is **C16CBF**.

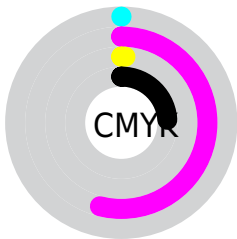
Distribution



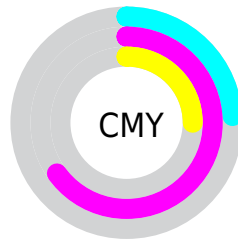
- Red (76%)
- Green (35%)
- Blue (75%)



- Red (76%)
- Yellow (35%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color C159BF 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 C159BF by changing the saturation by 10% instead.

 C159BF

 C159BF

FFFFFF

 A53EA4

 FC8FF8

 892089

 FFABFF

 6D006F

 FFC8FF

 530056

 FFE5FF

 39003F

 200028

 000111

 000000

 C159BF

 C159BF

 C146BF

 C16CBF

 C132BE

 C180C0

 C11FBE

 C193C0

 C10CBE

 C1A6C0

 C100BD

 C1BAC1

 C1CDC1

 C1E0C2

 C1F3C2

 C1FFC2

Harmonies

Analogous

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



7675E7



C159BF



E24589

Triad

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



C159BF



9F7E00



009BB5

Complementary

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



C159BF



59C15B

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.



009B7C



C159BF



688E00

Square

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



C159BF



CA671D



009741



0096E1

Rectangle

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



C159BF



E64863



009741



009CA3

Sweetspot

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



C159BF



FAD2F9



5B59C1



7D657C



FCFCFC



7D7D7D

Same Dimension

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



C159BF



FA57F7



C1598B



615761



A1009E



210021

Inverse Universe

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



C159BF



FA57F7



59C18F



615761



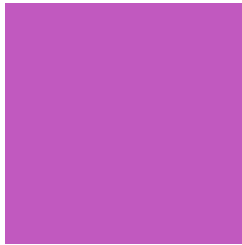
A1009E



210021

Previews

White Background



This preview shows how the Hex color C159BF 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

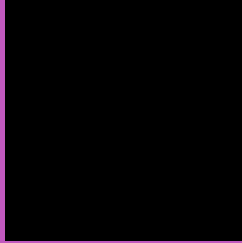
Any Text WCAG AA ✓ Pass

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 C159BF Background



This preview shows how black text looks on a background with the Hex color C159BF.

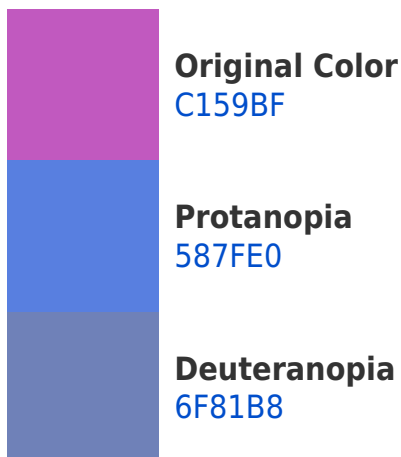



This preview shows how white text looks on a background with the Hex color C159BF.

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
B86C74

Trichromacy



Original Color
C159BF



Protanomaly
7E71D4



Deuteranomaly
8D72BB



Tritanomaly
BB658F

Monochromacy



Original Color
C159BF



Achromatopsia
848484



Achromatomaly
9A7499

CSS Examples

Text

The CSS property to change the color of the text to Hex C159BF 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 #C159BF looks like.

```
.text, #text, p{  
    color:#C159BF  
}
```

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 #C159BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C159BF
}
```

Border

The CSS property to change the border of an element to Hex C159BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

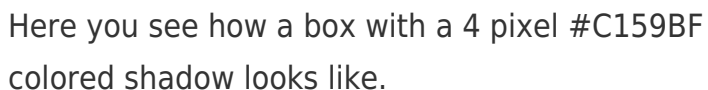
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C159BF }
```

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

```
.border{ border-color:#C159BF }
```

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



Here you see how a box with a 4 pixel `#C159BF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C159BF; -webkit-box-shadow:4px 4px  
4px 4px #C159BF; box-shadow:4px 4px 4px  
4px #C159BF }
```

Background

The CSS property to change the background color of an element to Hex C159BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C159BF }
```

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

```
.background{ background-color:#C159BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor