

Converting Colors

Hex(C38FC9)

Have a look what the booklet for
Hex(C38FC9) contains.

Hex(C38FC9)	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(C38FC9)

Conversions

Conversions Part 1

Format	Color
Hex	C38FC9
RGB	195, 143, 201
RGB Percent	76%, 56%, 79%
CMY	0.2353, 0.4392, 0.2118
CMYK	0.03, 0.29, 0.00, 0.21
HSL	294°, 35%, 67%
HSV	294°, 29%, 79%
XYZ	42.8708, 35.4641, 59.8441
YIQ	165.1600, 12.3740, 29.0620

Conversions

Conversions Part 2

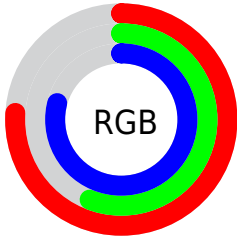
Format	Color
RYB	195, 143, 201
Decimal	12816329
CIELab	66.11, 29.54, -22.26
CIELCh	66, 36.985, 322.997
Yxy	35.4641, 0.3103, 0.2567
Android (android.graphics.Color)	4291006409 (0xFFC38FC9)
YUV	165.1600, 17.6691, 26.1697
Hunter-Lab	59.5517, 24.2851, -17.8949

Details

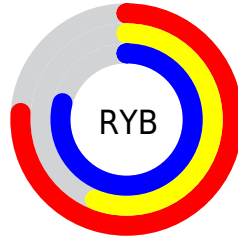
The Hex color **C38FC9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95C98F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FCC5FF**, and **8D5C93** is the 20% darker color. If you saturate the color by 10%, you get **C17BC9**, and if you desaturate by 10%, it is **C5A3C9**.

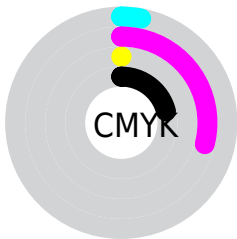
Distribution



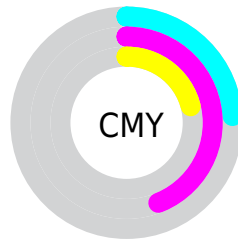
- Red (76%)
- Green (56%)
- Blue (79%)



- Red (76%)
- Yellow (56%)
- Blue (79%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color C38FC9 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 C38FC9 by changing the saturation by 10% instead.



C38FC9



C38FC9

FFFFFF



A775AE



FCC5FF



8D5C93



FFE1FF



724479

FFFEFF



592C60



411548



290031



0F001C



000000



C38FC9



C38FC9

 C17BC9

 C5A3C9

 BF67C9

 C7B7C9

 BD53C9

 C9CBC9

 BB3FC9

 CBDFC9

 B92BC9

 CDF4C9

 B716C9

 CFFFC9

 B402C9

 D2FFC9

 B400C9

 D4FFC9

 D6FFC9

Harmonies

Analogous

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



999BDE



C38FC9



DB87AA

Triad

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



C38FC9



BD9C5E



0CB2B9

Complementary

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



C38FC9



95C98F

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.



49B297



C38FC9



9CA762

Square

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



C38FC9



D6906D



76AE78



1FAED5

Rectangle

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



C38FC9



E18793



76AE78



24B2AE

Sweetspot

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



C38FC9



FDE8FF



8F96C9



7E7180



000000



808080

Same Dimension

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



C38FC9



F6A6FF



C98FB3



625A63



9200A3



200024

Inverse Universe

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



C98F95



FFA6AF



8FC9A5



635A5B



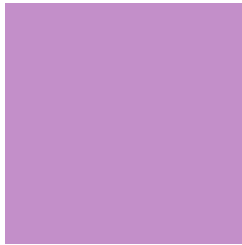
A30011



240004

Previews

White Background



This preview shows how the Hex color C38FC9 looks on a white background.

Color Contrast Check

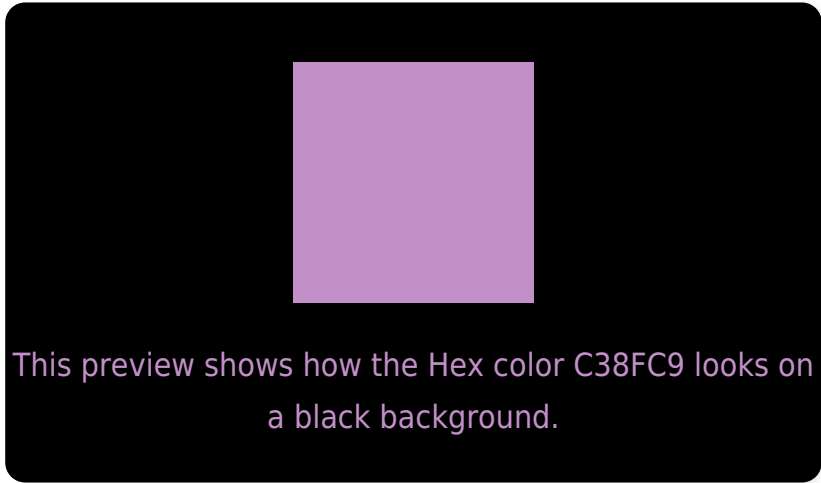
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

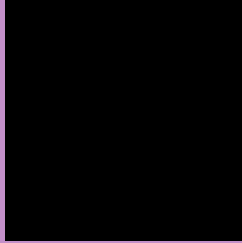
Any Text WCAG AA ✓ Pass

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 C38FC9 Background



This preview shows how black text looks on a background with the Hex color C38FC9.

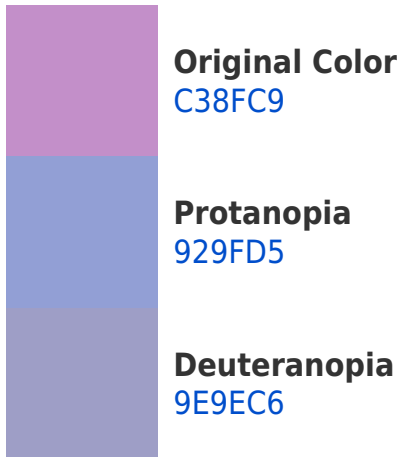


This preview shows how white text looks on a background with the Hex color C38FC9.

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](#).

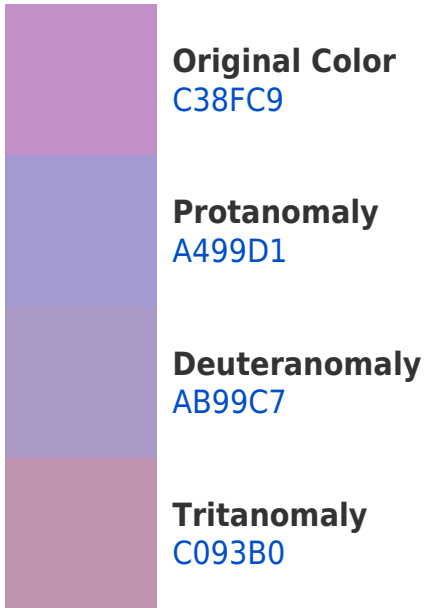
Dichromacy



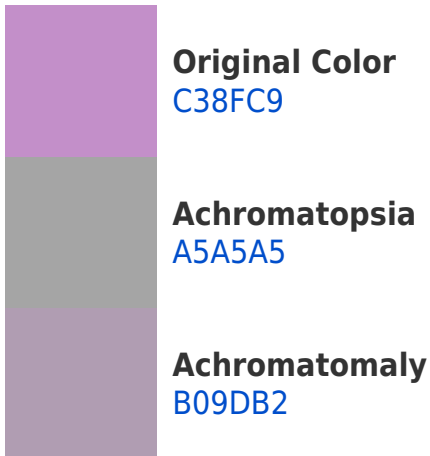


Tritanopia
BE96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C38FC9 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 #C38FC9 looks like.

```
.text, #text, p{  
    color:#C38FC9  
}
```

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 #C38FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38FC9
}
```

Border

The CSS property to change the border of an element to Hex C38FC9 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
#C38FC9 }
```

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

```
.border{ border-color:#C38FC9 }
```

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

Here you see how a box with a 4 pixel #C38FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38FC9; -webkit-box-shadow:4px 4px  
4px 4px #C38FC9; box-shadow:4px 4px 4px  
4px #C38FC9 }
```

Background

The CSS property to change the background color of an element to Hex C38FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38FC9 }
```

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

```
.background{ background-color:#C38FC9 }
```

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