

Converting Colors

Hex(C9F293)

Have a look what the booklet for
Hex(C9F293) contains.

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Color

Hex(C9F293)

Conversions

Conversions Part 1

Format	Color
Hex	C9F293
RGB	201, 242, 147
RGB Percent	79%, 95%, 58%
CMY	0.2118, 0.0510, 0.4235
CMYK	0.17, 0.00, 0.39, 0.05
HSL	86°, 79%, 76%
HSV	86°, 39%, 95%
XYZ	61.1060, 78.0284, 39.4441
YIQ	218.9110, 6.0590, -38.2370

Conversions

Conversions Part 2

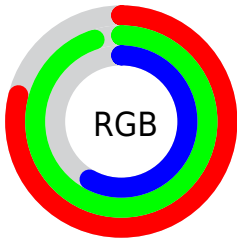
Format	Color
RYB	147, 242, 188
Decimal	13234835
CIELab	90.79, -28.78, 41.55
CIElCh	91, 50.544, 124.704
Yxy	78.0284, 0.3422, 0.4369
Android (android.graphics.Color)	4291424915 (0xFFC9F293)
YUV	218.9110, -35.4521, -15.7079
Hunter-Lab	88.3337, -31.1042, 35.3585

Details

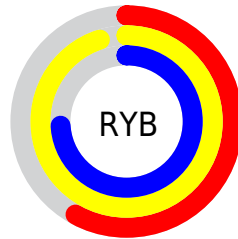
The Hex color **C9F293** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC93F2**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFCA**, and **91BA5F** is the 20% darker color. If you saturate the color by 10%, you get **BFF27B**, and if you desaturate by 10%, it is **D3F2AB**.

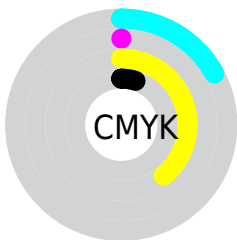
Distribution



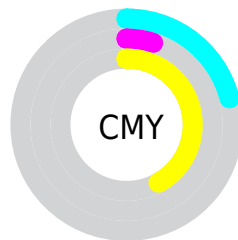
- Red (79%)
- Green (95%)
- Blue (58%)



- Red (58%)
- Yellow (95%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9F293 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 C9F293 by changing the saturation by 10% instead.

 C9F293

FFFFFF

 FFFFCA

 FFFFE7

 C9F293

 ADD679

 91BA5F

 779F46

 5C842D

 436B12

 295200

 0F3B00

 002500

 000500

 C9F293

 C9F293

 BFF27B

 D3F2AB

 B4F263

 DEF2C3

 AAF24A

 E8F2DC

 9FF232

 F3F2F4

 95F21A

 FDF2FF

 8AF202

 FFF2FF

 8AF200

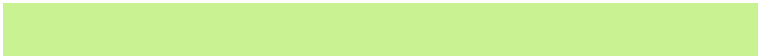
Harmonies

Analogous

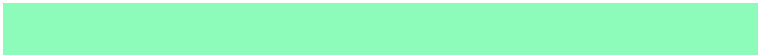
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FCE483



C9F293



8DFBBA

Triad

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



C9F293



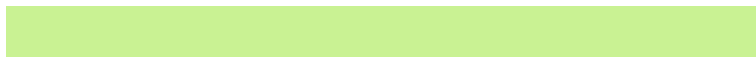
44F5FF



FFBEDF

Complementary

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



C9F293



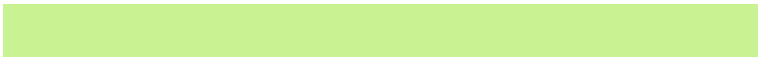
BC93F2

Split Complementary

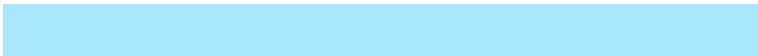
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



C9F293



A9E7FF

Square

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



C9F293



00FCFF



F4D5FF



FFC4B0

Rectangle

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



C9F293



5CFEDA



F4D5FF



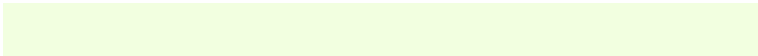
FFBFEF

Sweetspot

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



C9F293



F2FFE0



F2BB93



78806E



000000



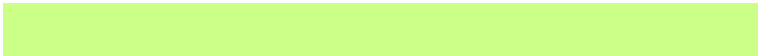
808080

Same Dimension

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



C9F293



CBFF87



9BF293



73786C



68B800



203800

Inverse Universe

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



BC93F2



BB87FF



EA93F2



716C78



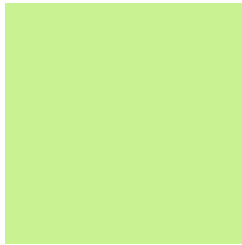
4F00B8



180038

Previews

White Background



This preview shows how the Hex color C9F293 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 C9F293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

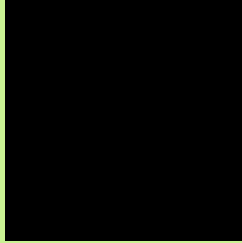
Any Text WCAG AA ✓ Pass

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 C9F293 Background



This preview shows how black text looks on a background with the Hex color C9F293.

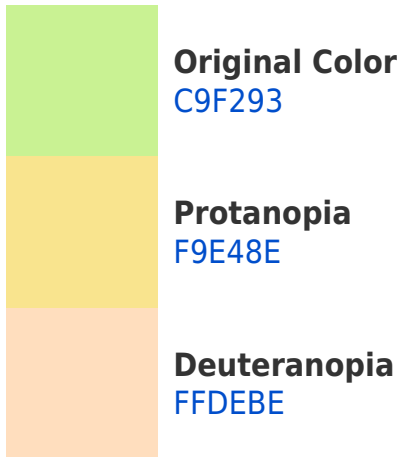


This preview shows how white text looks on a background with the Hex color C9F293.

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



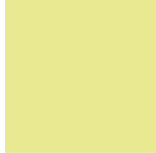


Tritanopia
D7E6F8

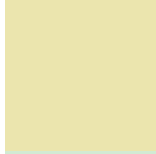
Trichromacy



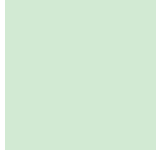
Original Color
C9F293



Protanomaly
E8E990



Deuteranomaly
EBE5AE

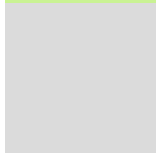


Tritanomaly
D2EAD3

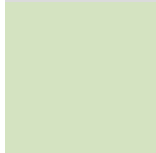
Monochromacy



Original Color
C9F293



Achromatopsia
DBDBDB



Achromatomaly
D4E3C1

CSS Examples

Text

The CSS property to change the color of the text to Hex C9F293 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 #C9F293 looks like.

```
.text, #text, p{  
    color:#C9F293  
}
```

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 #C9F293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9F293
}
```

Border

The CSS property to change the border of an element to Hex C9F293 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
#C9F293 }
```

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

```
.border{ border-color:#C9F293 }
```

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

Here you see how a box with a 4 pixel #C9F293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9F293; -webkit-box-shadow:4px 4px  
4px 4px #C9F293; box-shadow:4px 4px 4px  
4px #C9F293 }
```

Background

The CSS property to change the background color of an element to Hex C9F293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9F293 }
```

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

```
.background{ background-color:#C9F293 }
```

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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