

Converting Colors

Hex(C9F958)

Have a look what the booklet for
Hex(C9F958) contains.

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Color

Hex(C9F958)

Conversions

Conversions Part 1

Format	Color
Hex	C9F958
RGB	201, 249, 88
RGB Percent	79%, 98%, 35%
CMY	0.2118, 0.0235, 0.6549
CMYK	0.19, 0.00, 0.65, 0.02
HSL	78°, 93%, 66%
HSV	78°, 65%, 98%
XYZ	59.7245, 80.8735, 21.6948
YIQ	216.2940, 23.0730, -60.2470

Conversions

Conversions Part 2

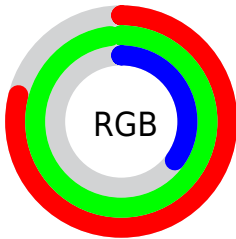
Format	Color
RYB	88, 249, 136
Decimal	13236568
CIELab	92.08, -37.58, 69.52
CIELCh	92, 79.030, 118.394
Yxy	80.8735, 0.3680, 0.4983
Android (android.graphics.Color)	4291426648 (0xFFC9F958)
YUV	216.2940, -63.2489, -13.4128
Hunter-Lab	89.9297, -38.8306, 48.6475

Details

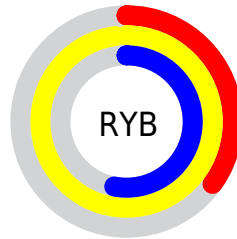
The Hex color **C9F958** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **8858F9**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF91**, and **8FC016** is the 20% darker color. If you saturate the color by 10%, you get **C2F93F**, and if you desaturate by 10%, it is **D0F971**.

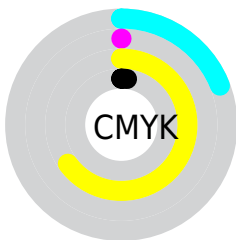
Distribution



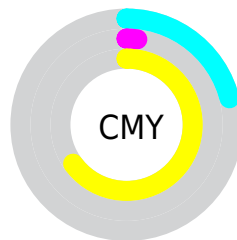
- Red (79%)
- Green (98%)
- Blue (35%)



- Red (35%)
- Yellow (98%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (65%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9F958 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 C9F958 by changing the saturation by 10% instead.

 C9F958

FFFFFF

 FFFF91

 FFFFAD

 FFFFCA

 FFFFE7

 C9F958

 ACDC3A

 8FC016

 73A500

 578B00

 3B7100

 1B5800

 004000

 002A00

 000E00

 C9F958

 C9F958

 C2F93F

 D0F971

 BAF926

 D8F98A

 B3F90D

 DFF9A3

 AFF900

 E7F9BC

 EEF9D4

 F6F9ED

 FDF9FF

 FFF9FF

Harmonies

Analogous

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



FFE343



C9F958



5DFF95

Triad

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



C9F958



00FFFF



FFA2F0

Complementary

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



C9F958



8858F9

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.



FFB6FF



C9F958



00F2FF

Square

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



C9F958



00FFFF



E2D6FF



FFABA4

Rectangle

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



C9F958



00FFC7



E2D6FF



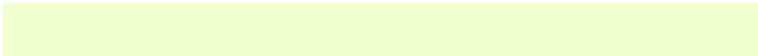
FFA6FF

Sweetspot

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



C9F958



F1FFCF



F98658



778062



000000



808080

Same Dimension

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



C9F958



C4FF38



7BF958



797D70



84BD00



2B3D00

Inverse Universe

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



8858F9



7338FF



D658F9



74707D



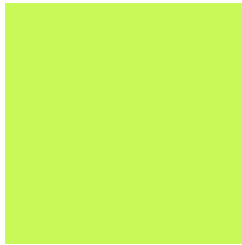
3800BD



12003D

Previews

White Background



This preview shows how the Hex color C9F958 looks on a white background.

Color Contrast Check

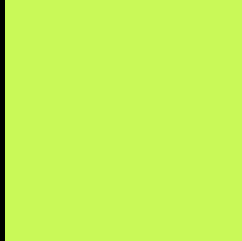
Large Text (above 18pt) WCAG AA × Fail

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 C9F958 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 C9F958 Background



This preview shows how black text looks on a background with the Hex color C9F958.

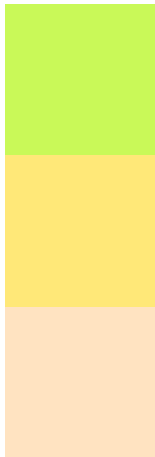


This preview shows how white text looks on a background with the Hex color C9F958.

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



Original Color
C9F958

Protanopia
FFE878

Deuteranopia
FFE3C1

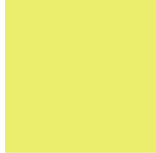


Tritanopia
DCE9FB

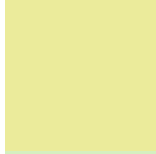
Trichromacy



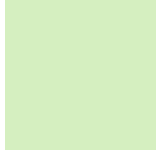
Original Color
C9F958



Protanomaly
EBEE6C

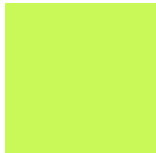


Deuteranomaly
EBEB9B

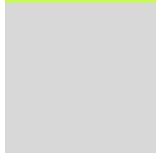


Tritanomaly
D5EFC0

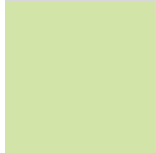
Monochromacy



Original Color
C9F958



Achromatopsia
D8D8D8



Achromatomaly
D3E4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex C9F958 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 #C9F958 looks like.

```
.text, #text, p{  
    color:#C9F958  
}
```

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 #C9F958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9F958
}
```

Border

The CSS property to change the border of an element to Hex C9F958 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
#C9F958 }
```

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

```
.border{ border-color:#C9F958 }
```

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

Here you see how a box with a 4 pixel #C9F958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9F958; -webkit-box-shadow:4px 4px  
4px 4px #C9F958; box-shadow:4px 4px 4px  
4px #C9F958 }
```

Background

The CSS property to change the background color of an element to Hex C9F958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9F958 }
```

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

```
.background{ background-color:#C9F958 }
```

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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