

Converting Colors

Hex(C9DF50)

Have a look what the booklet for
Hex(C9DF50) contains.

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Color

Hex(C9DF50)

Conversions

Conversions Part 1

Format	Color
Hex	C9DF50
RGB	201, 223, 80
RGB Percent	79%, 87%, 31%
CMY	0.2118, 0.1255, 0.6863
CMYK	0.10, 0.00, 0.64, 0.13
HSL	69°, 69%, 59%
HSV	69°, 64%, 87%
XYZ	51.9230, 65.7720, 17.5481
YIQ	200.1200, 32.7910, -49.1370

Conversions

Conversions Part 2

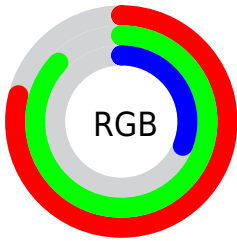
Format	Color
RYB	80, 223, 102
Decimal	13229904
CIELab	84.88, -26.09, 65.09
CIELCh	85, 70.126, 111.842
Yxy	65.7720, 0.3839, 0.4863
Android (android.graphics.Color)	4291419984 (0xFFC9DF50)
YUV	200.1200, -59.2192, 0.7718
Hunter-Lab	81.1000, -27.6430, 43.9411

Details

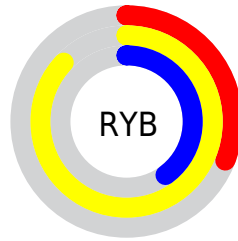
The Hex color **C9DF50** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6650DF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF87**, and **90A80D** is the 20% darker color. If you saturate the color by 10%, you get **C6DF3A**, and if you desaturate by 10%, it is **CCDF66**.

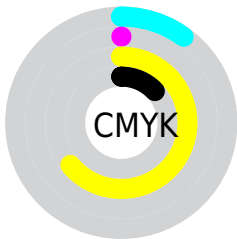
Distribution



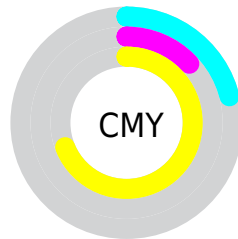
- Red (79%)
- Green (87%)
- Blue (31%)



- Red (31%)
- Yellow (87%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9DF50 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 C9DF50 by changing the saturation by 10% instead.

 C9DF50

 C9DF50

FFFFFF

 ACC333

 FFFF87

 90A80D

 FFFFA3

 748D00

 FFFFC0

 587400

 FFFFDD

 3E5B00

 FFFFFA

 224400

 042D00

 001A00

 000000

 C9DF50

 C9DF50

 C6DF3A

 CCDF66

 C2DF23

 D0DF7D

 BFDF0D

 D3DF93

 BDDF00

 D7DFA9

 DADFC0

 DEDFD6

 E1DFEC

 E4DFFF

 E8DFFF

Harmonies

Analogous

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



FFCA49



C9DF50



78ED7E

Triad

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



C9DF50



00EFFF



FF9AE9

Complementary

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



C9DF50



6650DF

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.



FFAEFF



C9DF50



00E1FF

Square

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



C9DF50



00F4FF



B7CAFF



FF9CA6

Rectangle

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



C9DF50



00F2A8



B7CAFF



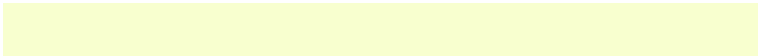
FF9FFF

Sweetspot

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



C9DF50



F8FFCF



DF6550



7B8062



000000



808080

Same Dimension

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



C9DF50



E1FF3B



82DF50



6E7065



95B000



293000

Inverse Universe

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



6650DF



593BFF



AD50DF



676570



1B00B0



070030

Previews

White Background



This preview shows how the Hex color C9DF50 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 C9DF50 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 C9DF50 Background



This preview shows how black text looks on a background with the Hex color C9DF50.

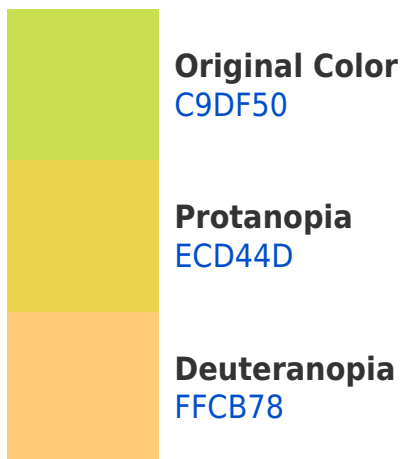


This preview shows how white text looks on a background with the Hex color C9DF50.

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
D8D1E1

Trichromacy



Original Color
C9DF50

Protanomaly
DFD84E

Deuteranomaly
EBD269

Tritanomaly
D3D6AC

Monochromacy



Original Color
C9DF50

Achromatopsia
C8C8C8

Achromatomaly
C8D09C

CSS Examples

Text

The CSS property to change the color of the text to Hex C9DF50 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 #C9DF50 looks like.

```
.text, #text, p{  
    color:#C9DF50  
}
```

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 #C9DF50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9DF50
}
```

Border

The CSS property to change the border of an element to Hex C9DF50 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
#C9DF50 }
```

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

```
.border{ border-color:#C9DF50 }
```

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

Here you see how a box with a 4 pixel #C9DF50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9DF50; -webkit-box-shadow:4px 4px  
4px 4px #C9DF50; box-shadow:4px 4px 4px  
4px #C9DF50 }
```

Background

The CSS property to change the background color of an element to Hex C9DF50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9DF50 }
```

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

```
.background{ background-color:#C9DF50 }
```

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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