

Converting Colors

Hex(C8D942)

Have a look what the booklet for
Hex(C8D942) contains.

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Color

Hex(C8D942)

Conversions

Conversions Part 1

Format	Color
Hex	C8D942
RGB	200, 217, 66
RGB Percent	78%, 85%, 26%
CMY	0.2157, 0.1490, 0.7412
CMYK	0.08, 0.00, 0.70, 0.15
HSL	67°, 67%, 55%
HSV	67°, 70%, 85%
XYZ	49.6156, 62.2984, 14.5640
YIQ	194.7030, 38.3390, -50.5650

Conversions

Conversions Part 2

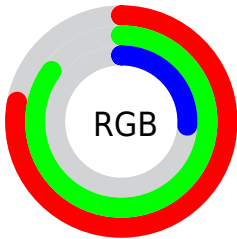
Format	Color
RYB	66, 217, 83
Decimal	13162818
CIELab	83.07, -24.44, 68.53
CIELCh	83, 72.759, 109.630
Yxy	62.2984, 0.3923, 0.4926
Android (android.graphics.Color)	4291352898 (0xFFC8D942)
YUV	194.7030, -63.4506, 4.6455
Hunter-Lab	78.9293, -25.9198, 44.3104

Details

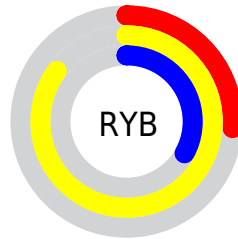
The Hex color **C8D942** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5342D9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF7B**, and **8EA200** is the 20% darker color. If you saturate the color by 10%, you get **C6D92C**, and if you desaturate by 10%, it is **CAD958**.

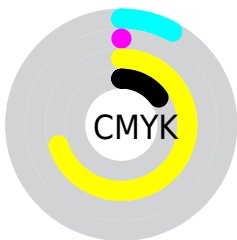
Distribution



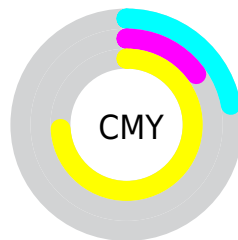
- Red (78%)
- Green (85%)
- Blue (26%)



- Red (26%)
- Yellow (85%)
- Blue (33%)



- Cyan (8%)
- Magenta (0%)
- Yellow (70%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8D942 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 C8D942 by changing the saturation by 10% instead.

 C8D942

 C8D942

FFFFFF

 ABBD22

 FFFF7B

 8EA200

 FFFF97

 728800

 FFFFB3

 576F00

 FFFF00

 3C5600

 FFFFED

 203F00

 032900

 001300

 000000

 C8D942

 C8D942

 C6D92C

 CAD958

 C3D917

 CDD96D

 C1D901

 CFD983

 C1D900

 D2D999

 D4D9AF

 D7D9C4

 D9D9DA

 DCD9F0

 DED9FF

Harmonies

Analogous

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



FFC33F



C8D942



75E772

Triad

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



C8D942



00EBFF



FF93EA

Complementary

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



C8D942



5342D9

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.



FFAAFF



C8D942



00DDFF

Square

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



C8D942



00F0FB



A6C7FF



FF93A5

Rectangle

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



C8D942



00ED9D



A6C7FF



FF99FF

Sweetspot

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



C8D942



F9FFC9



D95142



7C8060



000000



808080

Same Dimension

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



C8D942



E7FF29



7ED942



6C6E63



9AAD00



292E00

Inverse Universe

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



5342D9



4129FF



9D42D9



64636E



1400AD



05002E

Previews

White Background



This preview shows how the Hex color C8D942 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 C8D942 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 C8D942 Background



This preview shows how black text looks on a background with the Hex color C8D942.



This preview shows how white text looks on a background with the Hex color C8D942.

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
C8D942

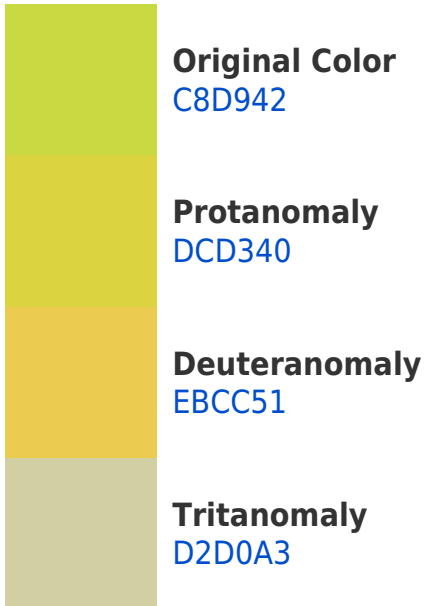
Protanopia
E7CF3F

Deuteranopia
FFC55A



Tritanopia
D7CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8D942 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 #C8D942 looks like.

```
.text, #text, p{  
    color:#C8D942  
}
```

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 #C8D942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D942
}
```

Border

The CSS property to change the border of an element to Hex C8D942 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
#C8D942 }
```

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

```
.border{ border-color:#C8D942 }
```

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

Here you see how a box with a 4 pixel #C8D942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D942; -webkit-box-shadow:4px 4px  
4px 4px #C8D942; box-shadow:4px 4px 4px  
4px #C8D942 }
```

Background

The CSS property to change the background color of an element to Hex C8D942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D942 }
```

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

```
.background{ background-color:#C8D942 }
```

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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