

Converting Colors

Hex(D8C842)

Have a look what the booklet for
Hex(D8C842) contains.

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Color

Hex(D8C842)

Conversions

Conversions Part 1

Format	Color
Hex	D8C842
RGB	216, 200, 66
RGB Percent	85%, 78%, 26%
CMY	0.1529, 0.2157, 0.7412
CMYK	0.00, 0.07, 0.69, 0.15
HSL	54°, 66%, 55%
HSV	54°, 69%, 85%
XYZ	49.9565, 56.3008, 13.3884
YIQ	189.5080, 52.5500, -38.2820

Conversions

Conversions Part 2

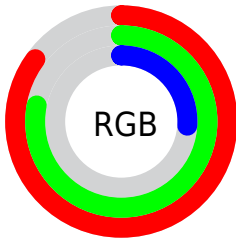
Format	Color
R_{YB}	84, 216, 66
Decimal	14207042
CIE Lab	79.78, -9.35, 65.69
CIE LCh	80, 66.355, 98.105
Yxy	56.3008, 0.4175, 0.4706
Android (android.graphics.Color)	4292397122 (0xFFD8C842)
YUV	189.5080, -60.8894, 23.2335
Hunter-Lab	75.0339, -12.4664, 41.9445

Details

The Hex color **D8C842** 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 **4252D8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF79**, and **9E9200** is the 20% darker color. If you saturate the color by 10%, you get **D8C62C**, and if you desaturate by 10%, it is **D8CA58**.

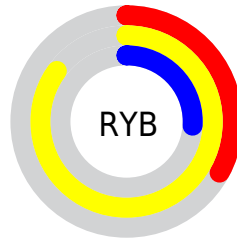
Distribution



Red (85%)

Green (78%)

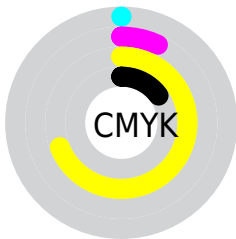
Blue (26%)



Red (33%)

Yellow (85%)

Blue (26%)

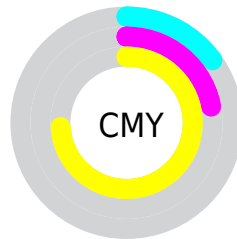


Cyan (0%)

Magenta (7%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8C842 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 D8C842 by changing the saturation by 10% instead.

 D8C842

 D8C842

FFFFFF

 BBAD24

 FFFF79

 9E9200

 FFFF95

 817900

 FFFFB1

 666000

 FFFFCE

 4A4900

 FFFFEB

 303300

 181E00

 000000

 D8C842

 D8C842

 D8C62C

 D8CA58

 D8C317

 D8CD6D

 D8C101

 D8CF83

 D8C100

 D8D198

 D8D4AE

 D8D6C4

 D8D8D9

 D8DAEF

 D8DDFF

Harmonies

Analogous

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



FFB250



D8C842



96D85F

Triad

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



D8C842



00E2FF



FF97F5

Complementary

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



D8C842



4252D8

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.



DFAEFF



D8C842



00D9FF

Square

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



D8C842



00E4D5



6EC7FF



FF8EB7

Rectangle

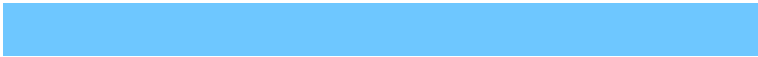
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8C842



5ADF81



6EC7FF



FF9EFF

Sweetspot

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



D8C842



FFF9C9



D84254



807C60



000000



808080

Same Dimension

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



D8C842



FFE82B



9FD842



6B6A60



AB9900



2B2700

Inverse Universe

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



4252D8



2B42FF



7B42D8



60626B



0012AB



00052B

Previews

White Background



This preview shows how the Hex color D8C842 looks on a white background.

Color Contrast Check

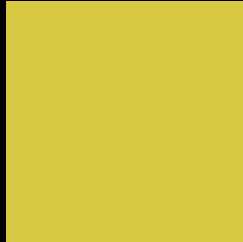
Large Text (above 18pt) WCAG AA × Fail

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 D8C842 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 D8C842 Background



This preview shows how black text looks on a background with the Hex color D8C842.



This preview shows how white text looks on a background with the Hex color D8C842.

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
D8C842

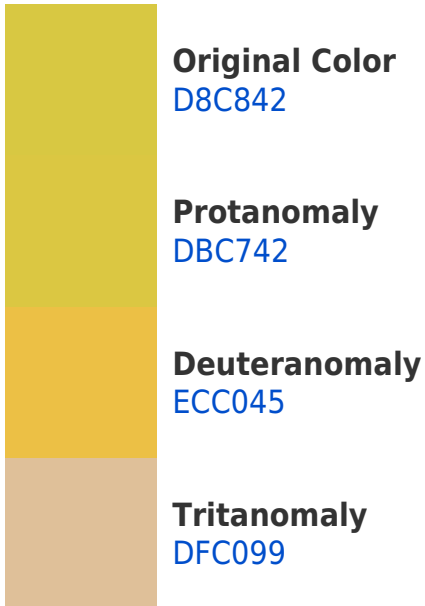
Protanopia
DDC642

Deuteranopia
F7BC46

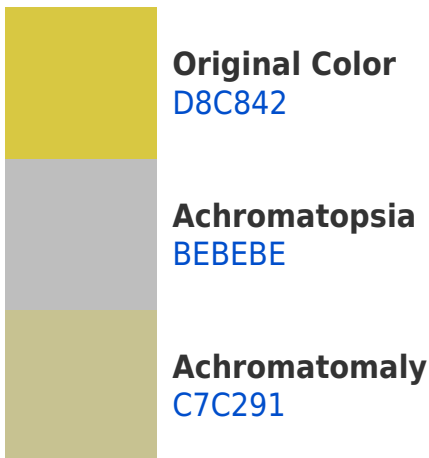


Tritanopia
E3BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8C842 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 #D8C842 looks like.

```
.text, #text, p{  
    color:#D8C842  
}
```

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 #D8C842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8C842
}
```

Border

The CSS property to change the border of an element to Hex D8C842 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
#D8C842 }
```

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

```
.border{ border-color:#D8C842 }
```

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

Here you see how a box with a 4 pixel #D8C842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8C842; -webkit-box-shadow:4px 4px  
4px 4px #D8C842; box-shadow:4px 4px 4px  
4px #D8C842 }
```

Background

The CSS property to change the background color of an element to Hex D8C842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8C842 }
```

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

```
.background{ background-color:#D8C842 }
```

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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