

Converting Colors

Hex(D8D847)

Have a look what the booklet for
Hex(D8D847) contains.

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Color

Hex(D8D847)

Conversions

Conversions Part 1

Format	Color
Hex	D8D847
RGB	216, 216, 71
RGB Percent	85%, 85%, 28%
CMY	0.1529, 0.1529, 0.7216
CMYK	0.00, 0.00, 0.67, 0.15
HSL	60°, 65%, 56%
HSV	60°, 67%, 85%
XYZ	54.0121, 64.1656, 15.4997
YIQ	199.4700, 46.5450, -45.0950

Conversions

Conversions Part 2

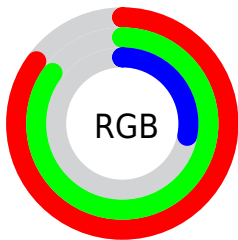
Format	Color
RYB	71, 216, 71
Decimal	14211143
CIELab	84.05, -17.11, 68.08
CIELCh	84, 70.193, 104.110
Yxy	64.1656, 0.4040, 0.4800
Android (android.graphics.Color)	4292401223 (0xFFD8D847)
YUV	199.4700, -63.3357, 14.4968
Hunter-Lab	80.1034, -19.8221, 44.6000

Details

The Hex color **D8D847** 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 **4747D8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF7F**, and **9EA100** is the 20% darker color. If you saturate the color by 10%, you get **D8D831**, and if you desaturate by 10%, it is **D8D85D**.

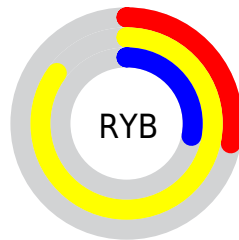
Distribution



Red (85%)

Green (85%)

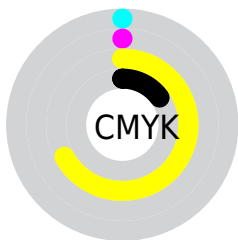
Blue (28%)



Red (28%)

Yellow (85%)

Blue (28%)

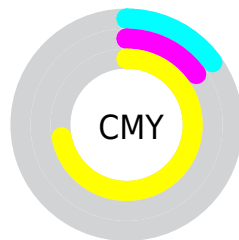


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8D847 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 D8D847 by changing the saturation by 10% instead.

 D8D847

 D8D847

FFFFFF

 BBBC28

 FFFF7F

 9EA100

 FFFF9B

 818700

 FFFFB7

 666E00

 FFFFD4

 4B5600

 FFFFF2

 303F00

 162900

 001700

 000000

 D8D847

 D8D847

 D8D831

 D8D85D

 D8D81C

 D8D872

 D8D806

 D8D888

 D8D800

 D8D89D

 D8D8B3

 D8D8C9

 D8D8DE

 D8D8F4

 D8D8FF

Harmonies

Analogous

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



FFC24D



D8D847



8DE76E

Triad

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



D8D847



00EEFF



FF9BF8

Complementary

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



D8D847



4747D8

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.



FEB3FF



D8D847



00E3FF

Square

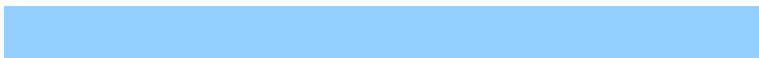
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8D847



00F2F0



93CEFF



FF97B5

Rectangle

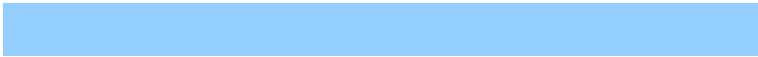
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8D847



3FEE95



93CEFF



FFA2FF

Sweetspot

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



D8D847



FFFFCC



D84747



808061



000000



808080

Same Dimension

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



D8D847



FFFF30



90D847



6B6B60



ABAB00



2B2B00

Inverse Universe

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



4747D8



3030FF



9047D8



60606B



0000AB



00002B

Previews

White Background



This preview shows how the Hex color D8D847 looks on a white background.

Color Contrast Check

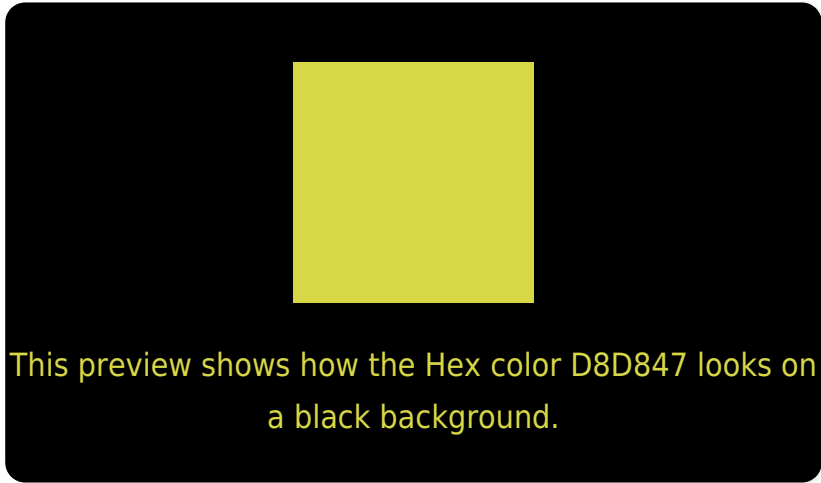
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D8D847 Background



This preview shows how black text looks on a background with the Hex color D8D847.

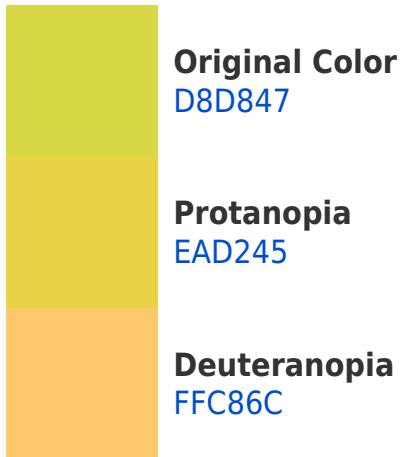


This preview shows how white text looks on a background with the Hex color D8D847.

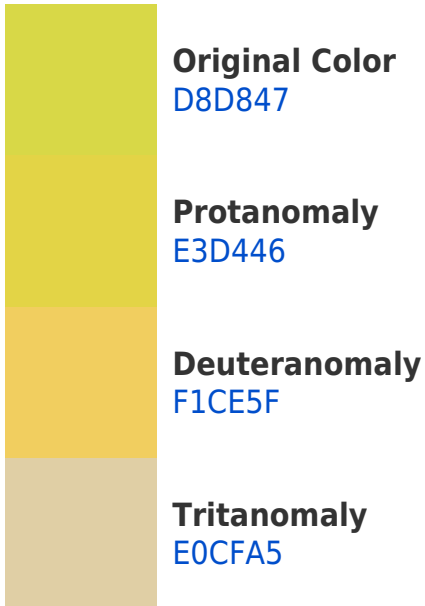
Color Blindness Simulation

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](#).

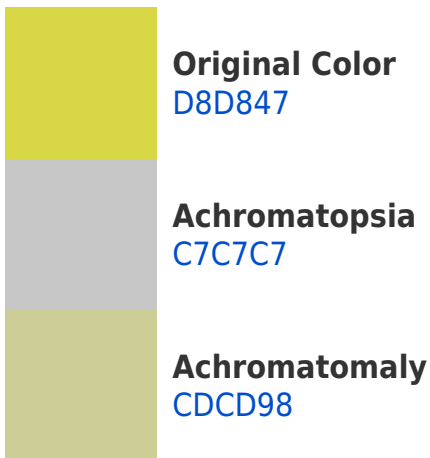
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8D847 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 #D8D847 looks like.

```
.text, #text, p{  
    color:#D8D847  
}
```

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 #D8D847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D847
}
```

Border

The CSS property to change the border of an element to Hex D8D847 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
#D8D847 }
```

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

```
.border{ border-color:#D8D847 }
```

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

Here you see how a box with a 4 pixel #D8D847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D847; -webkit-box-shadow:4px 4px  
4px 4px #D8D847; box-shadow:4px 4px 4px  
4px #D8D847 }
```

Background

The CSS property to change the background color of an element to Hex D8D847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D847 }
```

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

```
.background{ background-color:#D8D847 }
```

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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