

Converting Colors

Hex(D5D848)

Have a look what the booklet for
Hex(D5D848) contains.

Hex(D5D848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D5D848)

Conversions

Conversions Part 1

Format	Color
Hex	D5D848
RGB	213, 216, 72
RGB Percent	84%, 85%, 28%
CMY	0.1647, 0.1529, 0.7176
CMYK	0.01, 0.00, 0.67, 0.15
HSL	61°, 65%, 56%
HSV	61°, 67%, 85%
XYZ	53.1661, 63.7257, 15.6290
YIQ	198.6870, 44.4360, -45.4200

Conversions

Conversions Part 2

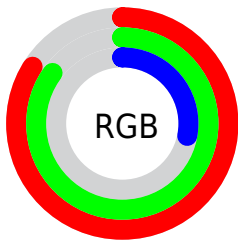
Format	Color
RYB	72, 216, 75
Decimal	14014536
CIELab	83.82, -18.30, 67.39
CIElCh	84, 69.830, 105.190
Yxy	63.7257, 0.4012, 0.4809
Android (android.graphics.Color)	4292204616 (0xFFD5D848)
YUV	198.6870, -62.4567, 12.5525
Hunter-Lab	79.8284, -20.8178, 44.2719

Details

The Hex color **D5D848** 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 **4B48D8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF80**, and **9BA100** is the 20% darker color. If you saturate the color by 10%, you get **D5D832**, and if you desaturate by 10%, it is **D5D85E**.

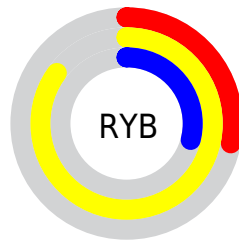
Distribution



Red (84%)

Green (85%)

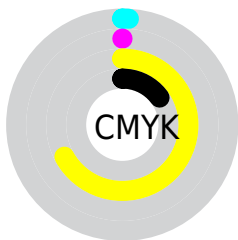
Blue (28%)



Red (28%)

Yellow (85%)

Blue (29%)

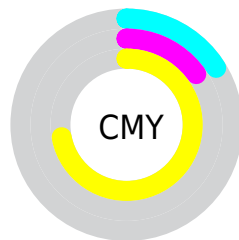


Cyan (1%)

Magenta (0%)

Yellow (67%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5D848 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 D5D848 by changing the saturation by 10% instead.

 D5D848

 D5D848

FFFFFF

 B8BC2A

 FFFF80

 9BA100

 FFFF9C

 7F8700

 FFFFB8

 636E00

 FFFF D5

 485600

 FFFFF2

 2D3F00

 142900

 001600

 000000

 D5D848

 D5D848

 D5D832

 D5D85E

 D4D81D

 D6D873

 D4D807

 D6D889

 D4D800

 D7D89E

 D7D8B4

 D8D8CA

 D8D8DF

 D9D8F5

 D9D8FF

Harmonies

Analogous

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



FFC24C



D5D848



8AE76F

Triad

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



D5D848



00EDFF



FF9AF4

Complementary

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



D5D848



4B48D8

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.



FFB2FF



D5D848



00E1FF

Square

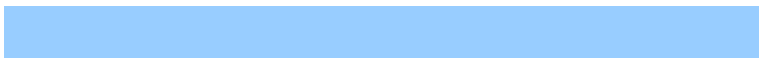
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5D848



00F1F1



98CDFE



FF97B2

Rectangle

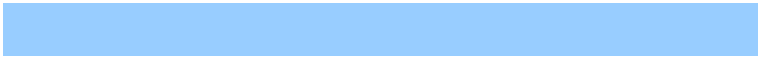
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5D848



38ED97



98CDFF



FFA1FF

Sweetspot

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



D5D848



FEFFCC



D84A48



7F8061



000000



808080

Same Dimension

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



D5D848



FBFF33



8ED848



6B6B60



A7AB00



2A2B00

Inverse Universe

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



4B48D8



3733FF



9248D8



61606B



0400AB



01002B

Previews

White Background



This preview shows how the Hex color D5D848 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 D5D848 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 D5D848 Background



This preview shows how black text looks on a background with the Hex color D5D848.

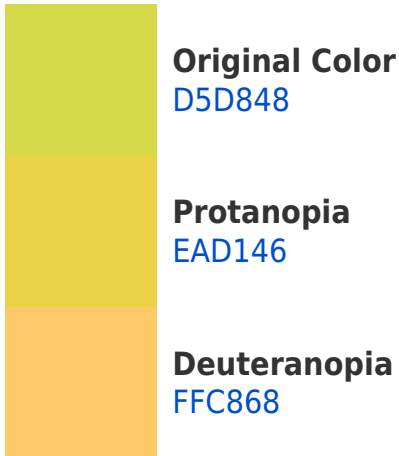


This preview shows how white text looks on a background with the Hex color D5D848.

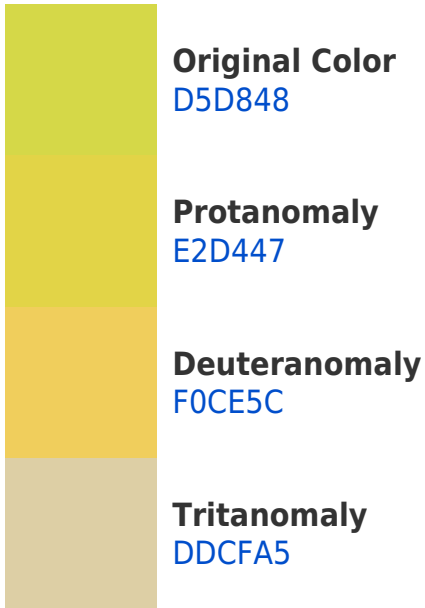
Color Blindness Simulation

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 D5D848 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 #D5D848 looks like.

```
.text, #text, p{  
    color:#D5D848  
}
```

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 #D5D848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D848
}
```

Border

The CSS property to change the border of an element to Hex D5D848 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
#D5D848 }
```

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

```
.border{ border-color:#D5D848 }
```

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

Here you see how a box with a 4 pixel #D5D848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D848; -webkit-box-shadow:4px 4px  
4px 4px #D5D848; box-shadow:4px 4px 4px  
4px #D5D848 }
```

Background

The CSS property to change the background color of an element to Hex D5D848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D848 }
```

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

```
.background{ background-color:#D5D848 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor