

# Converting Colors

Hex(D8D86C)

Have a look what the booklet for  
Hex(D8D86C) contains.

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# **Color**

**Hex(D8D86C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D8D86C                      |
| RGB         | 216, 216, 108               |
| RGB Percent | 85%, 85%, 42%               |
| CMY         | 0.1529, 0.1529, 0.5765      |
| CMYK        | 0.00, 0.00, 0.50, 0.15      |
| HSL         | 60°, 58%, 64%               |
| HSV         | 60°, 50%, 85%               |
| XYZ         | 55.5815, 64.7934, 23.7643   |
| YIQ         | 203.6880, 34.6680, -33.5880 |

# Conversions

## Conversions Part 2

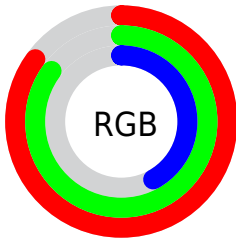
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 108, 216, 108                  |
| Decimal                             | 14211180                       |
| CIELab                              | 84.38, -14.54, 52.65           |
| CIELCh                              | 84, 54.619, 105.439            |
| Yxy                                 | 64.7934, 0.3856,<br>0.4495     |
| Android<br>(android.graphics.Color) | 4292401260<br>(0xFFD8D86C)     |
| YUV                                 | 203.6880, -47.1742,<br>10.7976 |
| Hunter-Lab                          | 80.4943, -17.6104,<br>38.8419  |

# Details

The Hex color **D8D86C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C6CD8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFA2**, and **9FA138** is the 20% darker color. If you saturate the color by 10%, you get **D8D856**, and if you desaturate by 10%, it is **D8D882**.

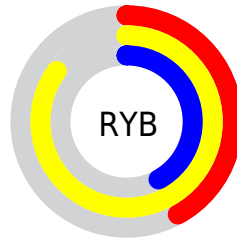
# Distribution



Red (85%)

Green (85%)

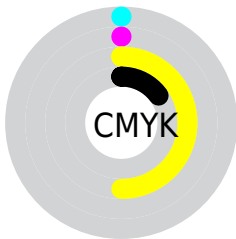
Blue (42%)



Red (42%)

Yellow (85%)

Blue (42%)

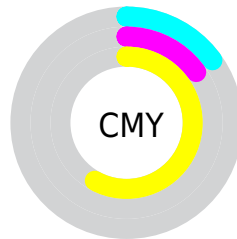


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D86C 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 D8D86C by changing the saturation by 10% instead.



 D8D86C

 D8D86C

FFFFFF

 BBBC52

 FFFFA2

 9FA138

 FFFFBE

 83871B

 FFFFDA

 686E00

 FFFFF7

 4E5600

 353F00

 1B2900

 001600

 000000

 D8D86C

 D8D86C

 D8D856

 D8D882

 D8D841

 D8D897

 D8D82B

 D8D8AD

 D8D816

 D8D8C2

 D8D800

 D8D8D8

 D8D8EE

 D8D8FF

# Harmonies

## Analogous

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



FFC76E



D8D86C



9EE488

# Triad

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



D8D86C



00E9FF



FFABEE

# Complementary

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



D8D86C



6C6CD8

# 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.



F9BBFF



D8D86C



33DFFF

# Square

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



D8D86C



00EDEC



AFCFFF



FFA9BA

# Rectangle

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



D8D86C



6FEAA6



AFCFFF



FFAFFE



# Sweetspot

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



D8D86C



FFFFD9



D86C6C



808069



000000



808080



# Same Dimension

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



D8D86C



FFFF66



A2D86C



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



6C6CD8



6666FF



A26CD8



60606B



0000AB

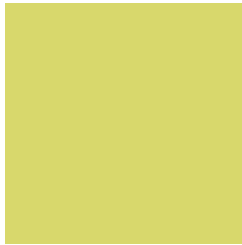


00002B



# Previews

## White Background



This preview shows how the Hex color D8D86C looks on a white background.

## Color Contrast Check

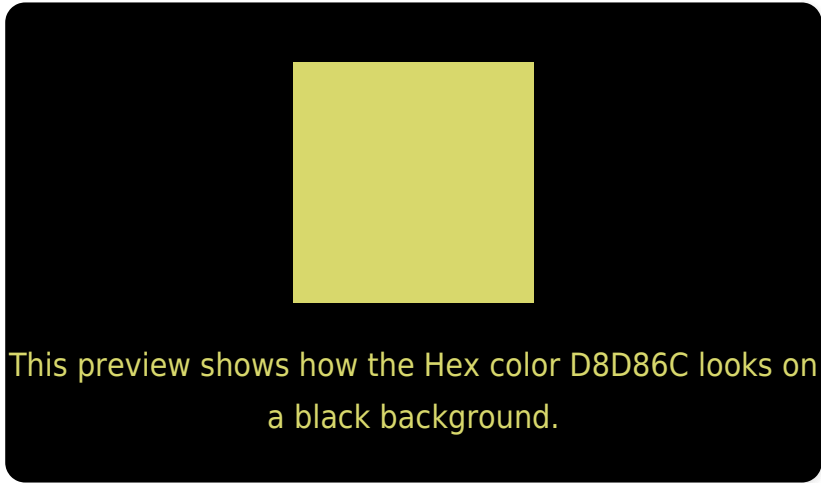
Large Text (above 18pt) WCAG AA × Fail

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

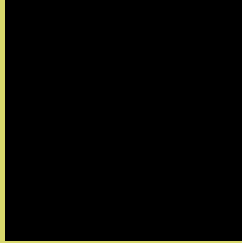
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8D86C Background



This preview shows how black text looks on a background with the Hex color D8D86C.



This preview shows how white text looks on a background with the Hex color D8D86C.

# 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



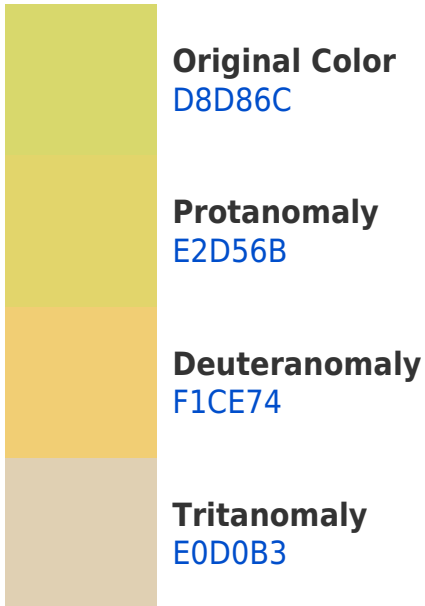
**Original Color**  
D8D86C

**Protanopia**  
E8D36A

**Deuteranopia**  
FFC979



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D86C 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 #D8D86C looks like.

```
.text, #text, p{  
    color:#D8D86C  
}
```

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 #D8D86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D86C
}
```

## Border

The CSS property to change the border of an element to Hex D8D86C 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
#D8D86C }
```

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

```
.border{ border-color:#D8D86C }
```

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

Here you see how a box with a 4 pixel #D8D86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D86C; -webkit-box-shadow:4px 4px  
4px 4px #D8D86C; box-shadow:4px 4px 4px  
4px #D8D86C }
```

# Background

The CSS property to change the background color of an element to Hex D8D86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D86C }
```

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

```
.background{ background-color:#D8D86C }
```

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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