

# Converting Colors

Hex(D8D85E)

Have a look what the booklet for  
Hex(D8D85E) contains.

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# **Color**

**Hex(D8D85E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D85E
RGB	216, 216, 94
RGB Percent	85%, 85%, 37%
CMY	0.1529, 0.1529, 0.6314
CMYK	0.00, 0.00, 0.56, 0.15
HSL	60°, 61%, 61%
HSV	60°, 56%, 85%
XYZ	54.8951, 64.5188, 20.1498
YIQ	202.0920, 39.1620, -37.9420

# Conversions

## Conversions Part 2

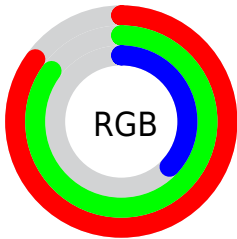
Format	Color
<b>RYB</b>	94, 216, 94
Decimal	14211166
CIELab	84.24, -15.66, 58.85
CIELCh	84, 60.894, 104.899
Yxy	64.5188, 0.3933, 0.4623
Android (android.graphics.Color)	4292401246 (0xFFD8D85E)
YUV	202.0920, -53.2894, 12.1973
Hunter-Lab	80.3236, -18.5750, 41.3532

# Details

The Hex color **D8D85E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5E5ED8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF94**, and **9EA127** is the 20% darker color. If you saturate the color by 10%, you get **D8D848**, and if you desaturate by 10%, it is **D8D874**.

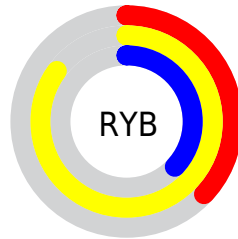
# Distribution



Red (85%)

Green (85%)

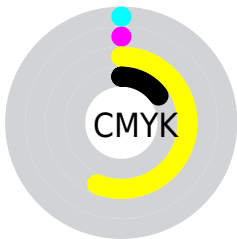
Blue (37%)



Red (37%)

Yellow (85%)

Blue (37%)

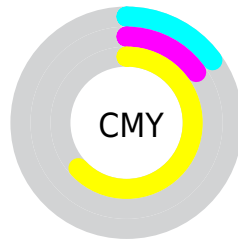


Cyan (0%)

Magenta (0%)

Yellow (56%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D85E 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 D8D85E by changing the saturation by 10% instead.



 D8D85E

 D8D85E

FFFFFF

 BBBC43

 FFFF94

 9EA127

 FFFF80

 838700

 FFFFCC

 676E00

 FFFF99

 4D5600

 333F00

 192900

 001600

 000000

 D8D85E

 D8D85E

 D8D848

 D8D874

 D8D833

 D8D889

 D8D81D

 D8D89F

 D8D808

 D8D8B4

 D8D800

 D8D8CA

 D8D8E0

 D8D8F5

 D8D8FF

# Harmonies

## Analogous

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



FFC561



D8D85E



97E67E

# Triad

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



D8D85E



00EBFF



FFA5F2

# Complementary

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



D8D85E



5E5ED8

# 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.



FBB8FF



D8D85E



00E1FF

# Square

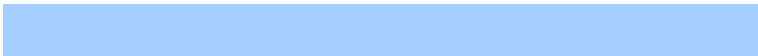
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8D85E



00EFEE



A5CEFF



FFA2B8

# Rectangle

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



D8D85E



5EEB9F



A5CEFF



FFAAFF

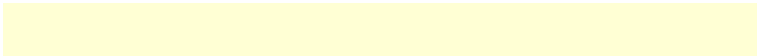


# Sweetspot

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



D8D85E



FFFFD4



D85E5E



808066



000000



808080



# Same Dimension

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



D8D85E



FFFF52



9BD85E



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



5E5ED8



5252FF



9B5ED8



60606B



0000AB



00002B



# Previews

## White Background



This preview shows how the Hex color D8D85E looks on a white background.

## Color Contrast Check

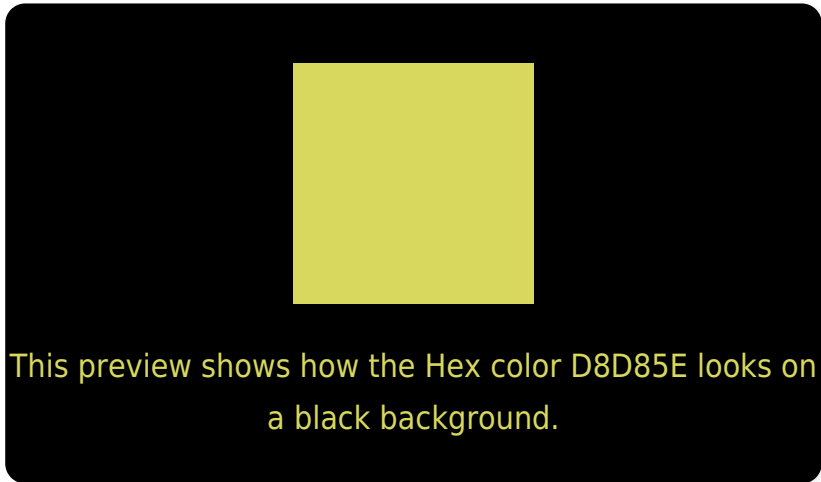
Large Text (above 18pt) WCAG AA × Fail

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 D8D85E Background



This preview shows how black text looks on a background with the Hex color D8D85E.

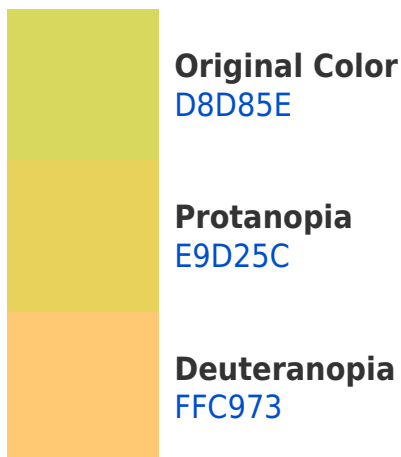


This preview shows how white text looks on a background with the Hex color D8D85E.

# 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](#).

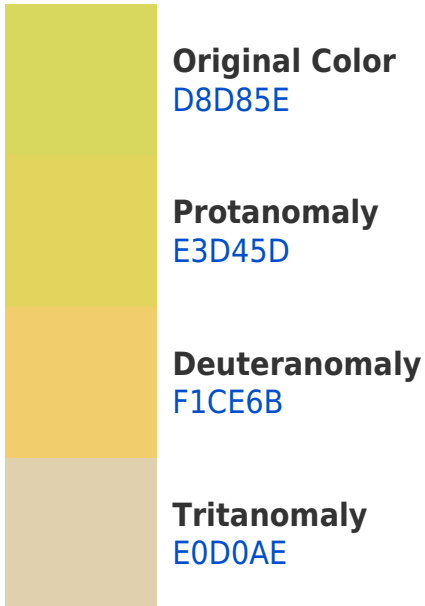
## Dichromacy



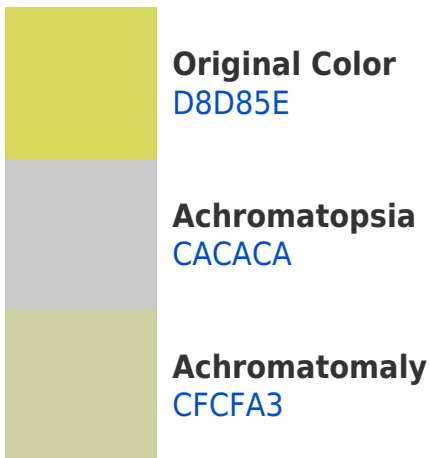


**Tritanopia**  
E4CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D85E 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 #D8D85E looks like.

```
.text, #text, p{  
    color:#D8D85E  
}
```

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 #D8D85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D85E
}
```

## Border

The CSS property to change the border of an element to Hex D8D85E 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
#D8D85E }
```

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

```
.border{ border-color:#D8D85E }
```

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

Here you see how a box with a 4 pixel #D8D85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D85E; -webkit-box-shadow:4px 4px  
4px 4px #D8D85E; box-shadow:4px 4px 4px  
4px #D8D85E }
```

# Background

The CSS property to change the background color of an element to Hex D8D85E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D85E }
```

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

```
.background{ background-color:#D8D85E }
```

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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