

# Converting Colors

Hex(D8E817)

Have a look what the booklet for  
Hex(D8E817) contains.

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**Color**

**Hex(D8E817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8E817
RGB	216, 232, 23
RGB Percent	85%, 91%, 9%
CMY	0.1529, 0.0902, 0.9098
CMYK	0.07, 0.00, 0.90, 0.09
HSL	65°, 82%, 50%
HSV	65°, 90%, 91%
XYZ	57.3302, 72.3740, 11.7586
YIQ	203.3900, 57.5530, -68.3910

# Conversions

## Conversions Part 2

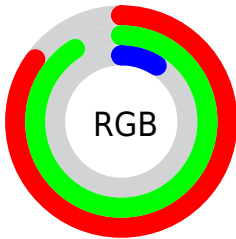
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 232, 39
Decimal	14215191
CIE Lab	88.15, -26.46, 84.32
CIE LCh	88, 88.377, 107.419
Yxy	72.3740, 0.4053, 0.5116
Android (android.graphics.Color)	4292405271 (0xFFD8E817)
YUV	203.3900, -88.9323, 11.0590
Hunter-Lab	85.0729, -28.5874, 51.3561

# Details

The Hex color **D8E817** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2717E8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF61**, and **9CB100** is the 20% darker color. If you saturate the color by 10%, you get **D6E800**, and if you desaturate by 10%, it is **DAE82E**.

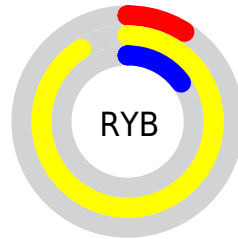
# Distribution



Red (85%)

Green (91%)

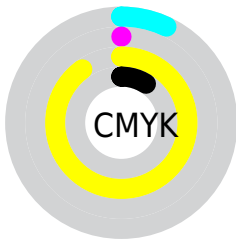
Blue (9%)



Red (9%)

Yellow (91%)

Blue (15%)

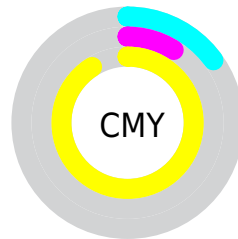


Cyan (7%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (15%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8E817 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 D8E817 by changing the saturation by 10% instead.



 D8E817

 D8E817

FFFFFF

 BACC00

 FFFF61

 9CB100

 FFFF7F

 7F9600

 FFFF9C

 637C00

 FFFFBA

 466300

 FFFFD8

 2A4B00

 FFFFF6

 0D3400

 002100

 000000

 D8E817

 D8E817

 D6E800

 DAE82E

 DCE845

 DDE85D

 DFE874

 E1E88B

 E3E8A2

 E4E8B9

 E6E8D1

 E8E8E8

# Harmonies

## Analogous

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



FFCC1E



D8E817



71F963

# Triad

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



D8E817



00FFFF



FF8FFF

# Complementary

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



D8E817



2717E8

# 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.



FFB0FF



D8E817



00F1FF

# Square

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



D8E817



00FFFF



92D6FF



FF8CB0

# Rectangle

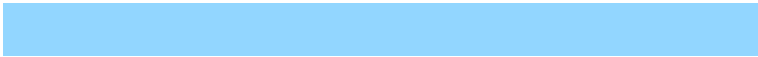
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8E817



00FF99



92D6FF



FF98FF



# Sweetspot

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



D8E817



FAFFBA



E82517



7C8057



000000



808080



# Same Dimension

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



D8E817



EBFF00



72E817



727367



A5B300



2F3300



# Inverse Universe

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



2717E8



1400FF



8D17E8



686773



0E00B3

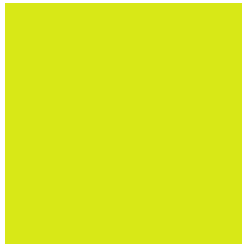


040033



# Previews

## White Background



This preview shows how the Hex color D8E817 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 D8E817 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 D8E817 Background



This preview shows how black text looks on a background with the Hex color D8E817.



This preview shows how white text looks on a background with the Hex color D8E817.

# 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**  
D8E817

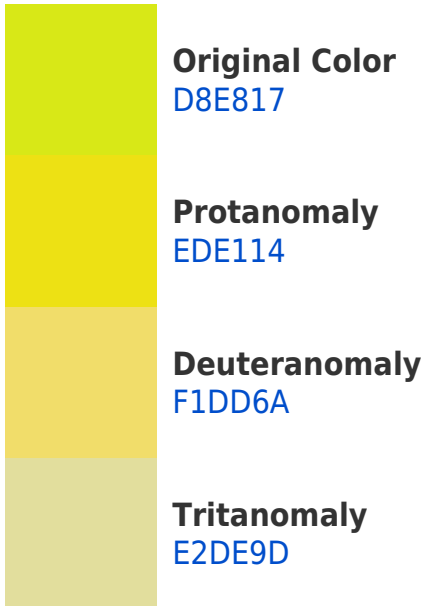
**Protanopia**  
F9DD12

**Deuteranopia**  
FFD69A



**Tritanopia**  
E8D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8E817 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 #D8E817 looks like.

```
.text, #text, p{  
    color:#D8E817  
}
```

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 #D8E817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E817
}
```

## Border

The CSS property to change the border of an element to Hex D8E817 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
#D8E817 }
```

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

```
.border{ border-color:#D8E817 }
```

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

Here you see how a box with a 4 pixel #D8E817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E817; -webkit-box-shadow:4px 4px  
4px 4px #D8E817; box-shadow:4px 4px 4px  
4px #D8E817 }
```

# Background

The CSS property to change the background color of an element to Hex D8E817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E817 }
```

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

```
.background{ background-color:#D8E817 }
```

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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