

# Converting Colors

Hex(D4E817)

Have a look what the booklet for  
Hex(D4E817) contains.

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**Color**

**Hex(D4E817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4E817
RGB	212, 232, 23
RGB Percent	83%, 91%, 9%
CMY	0.1686, 0.0902, 0.9098
CMYK	0.09, 0.00, 0.90, 0.09
HSL	66°, 82%, 50%
HSV	66°, 90%, 91%
XYZ	56.1626, 71.7721, 11.7039
YIQ	202.1940, 55.1690, -69.2390

# Conversions

## Conversions Part 2

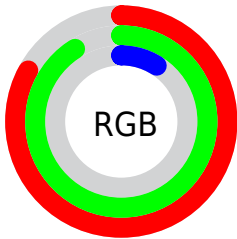
Format	Color
R <sub>Y</sub> B	23, 232, 43
Decimal	13953047
CIE Lab	87.86, -28.10, 83.97
CIE LCh	88, 88.548, 108.499
Yxy	71.7721, 0.4022, 0.5140
Android (android.graphics.Color)	4292143127 (0xFFD4E817)
YUV	202.1940, -88.3426, 8.5999
Hunter-Lab	84.7184, -29.9237, 51.1119

# Details

The Hex color **D4E817** 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 **2B17E8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF61**, and **99B100** is the 20% darker color. If you saturate the color by 10%, you get **D2E800**, and if you desaturate by 10%, it is **D6E82E**.

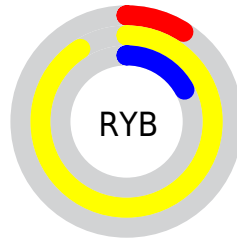
# Distribution



Red (83%)

Green (91%)

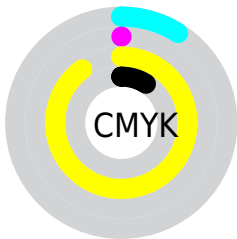
Blue (9%)



Red (9%)

Yellow (91%)

Blue (17%)

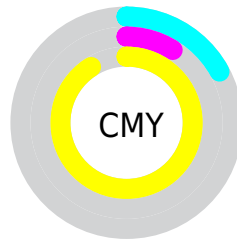


Cyan (9%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E817 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 D4E817 by changing the saturation by 10% instead.



 D4E817

 D4E817

FFFFFF

 B6CC00

 FFFF61

 99B100

 FFFF7F

 7C9600

 FFFF9C

 5F7C00

 FFFFBA

 436300

 FFFFD7

 264B00

 FFFFF6

 073400

 002100

 000000

 D4E817

 D4E817

 D2E800

 D6E82E

 D8E845

 DBE85D

 DDE874

 DFE88B

 E1E8A2

 E4E8B9

 E6E8D1

 E8E8E8

# Harmonies

## Analogous

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



FFCD18



D4E817



6AF964

# Triad

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



D4E817



00FFFF



FF8DFF

# Complementary

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



D4E817



2B17E8

# 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.



FFAEFF



D4E817



00EFFF

# Square

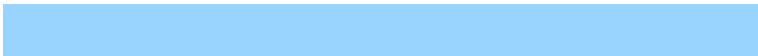
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4E817



00FFFF



98D4FF



FF8BAC

# Rectangle

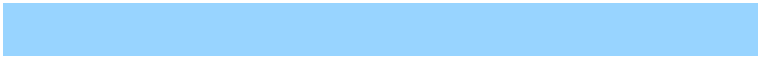
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4E817



00FF9B



98D4FF



FF95FF



# Sweetspot

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



D4E817



F8FFBA



E82817



7C8057



000000



808080



# Same Dimension

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



D4E817



E7FF00



6EE817



727367



A1B300



2E3300



# Inverse Universe

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



2B17E8



1800FF



9117E8



686773



1100B3

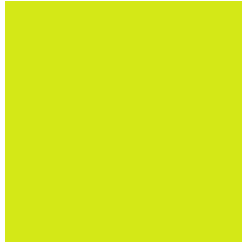


050033



# Previews

## White Background



This preview shows how the Hex color D4E817 looks on a white background.

## Color Contrast Check

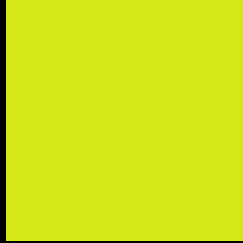
Large Text (above 18pt) WCAG AA × Fail

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 D4E817 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 D4E817 Background



This preview shows how black text looks on a background with the Hex color D4E817.



This preview shows how white text looks on a background with the Hex color D4E817.

# 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](#).

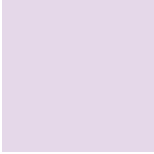
## Dichromacy



**Original Color**  
D4E817

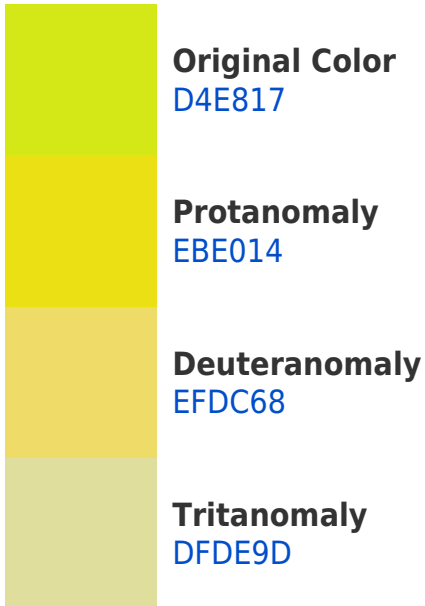
**Protanopia**  
F8DC12

**Deuteranopia**  
FFD597

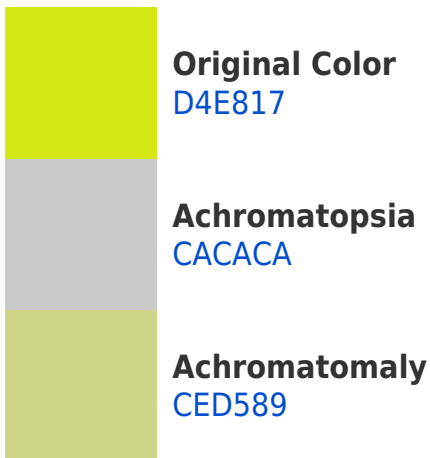


**Tritanopia**  
E5D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E817 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 #D4E817 looks like.

```
.text, #text, p{  
    color:#D4E817  
}
```

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 #D4E817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E817
}
```

## Border

The CSS property to change the border of an element to Hex D4E817 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
#D4E817 }
```

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

```
.border{ border-color:#D4E817 }
```

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

Here you see how a box with a 4 pixel #D4E817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E817; -webkit-box-shadow:4px 4px  
4px 4px #D4E817; box-shadow:4px 4px 4px  
4px #D4E817 }
```

# Background

The CSS property to change the background color of an element to Hex D4E817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E817 }
```

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

```
.background{ background-color:#D4E817 }
```

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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