

# Converting Colors

Hex(D4E147)

Have a look what the booklet for  
Hex(D4E147) contains.

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**Color**

**Hex(D4E147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4E147
RGB	212, 225, 71
RGB Percent	83%, 88%, 28%
CMY	0.1686, 0.1176, 0.7216
CMYK	0.06, 0.00, 0.68, 0.12
HSL	65°, 72%, 58%
HSV	65°, 68%, 88%
XYZ	55.2139, 68.3024, 16.2348
YIQ	203.5570, 41.6860, -50.6500

# Conversions

## Conversions Part 2

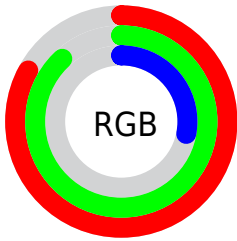
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 225, 84
Decimal	13951303
CIELab	86.16, -23.14, 70.08
CIELCh	86, 73.801, 108.271
Yxy	68.3024, 0.3951, 0.4887
Android (android.graphics.Color)	4292141383 (0xFFD4E147)
YUV	203.5570, -65.3506, 7.4045
Hunter-Lab	82.6453, -25.3764, 46.2048

# Details

The Hex color **D4E147** 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 **5447E1**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF80**, and **9AAA00** is the 20% darker color. If you saturate the color by 10%, you get **D2E131**, and if you desaturate by 10%, it is **D6E15E**.

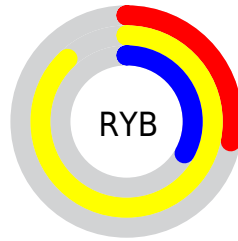
# Distribution



Red (83%)

Green (88%)

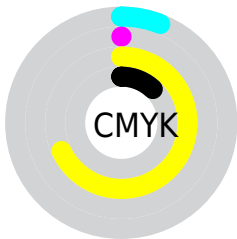
Blue (28%)



Red (28%)

Yellow (88%)

Blue (33%)

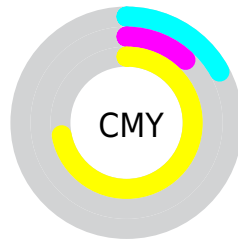


Cyan (6%)

Magenta (0%)

Yellow (68%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E147 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 D4E147 by changing the saturation by 10% instead.



 D4E147

 D4E147

FFFFFF

 B7C527

 FFFF80

 9AAA00

 FFFF9C

 7E8F00

 FFFFFB9

 627600

 FFFFFD6

 475D00

 FFFFFF3

 2B4600

 102F00

 001D00

 000000

 D4E147

 D4E147

 D2E131

 D6E15E

 D0E11A

 D8E174

 CEE103

 DAE18B

 CEE100

 DCE1A1

 DDE1B8

 DFE1CE

 E1E1E4

 E3E1FB

 E5E1FF

# Harmonies

## Analogous

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



FFCA46



D4E147



81F076

# Triad

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



D4E147



00F5FF



FF9BF6

# Complementary

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



D4E147



5447E1

# 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.



FFB3FF



D4E147



00E7FF

# Square

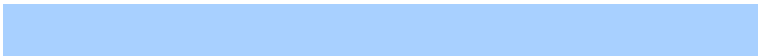
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4E147



00FAFF



A8D0FF



FF9AB0

# Rectangle

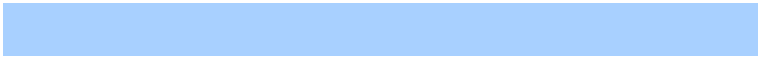
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4E147



00F6A1



A8D0FF



FFA1FF



# Sweetspot

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



D4E147



FAFFC9



E15447



7D8060



000000



808080



# Same Dimension

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



D4E147



EDFF2E



87E147



6F7065



A1B000



2C3000



# Inverse Universe

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



5447E1



402EFF



A147E1



666570



0F00B0



040030



# Previews

## White Background



This preview shows how the Hex color D4E147 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 D4E147 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 D4E147 Background



This preview shows how black text looks on a background with the Hex color D4E147.



This preview shows how white text looks on a background with the Hex color D4E147.

# 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**  
D4E147

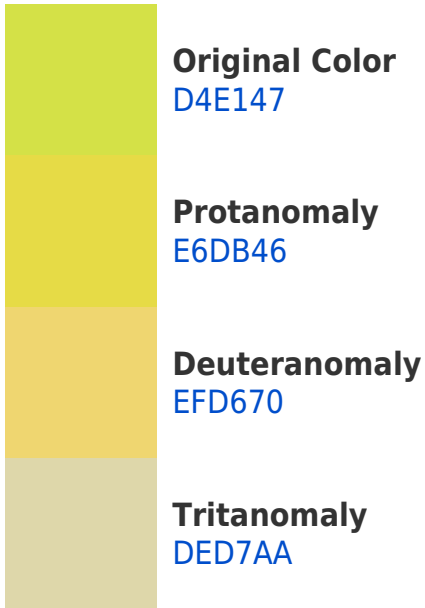
**Protanopia**  
F1D845

**Deuteranopia**  
FFD087

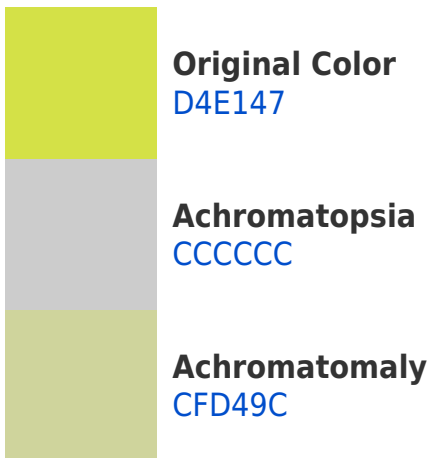


**Tritanopia**  
E3D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E147 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 #D4E147 looks like.

```
.text, #text, p{  
    color:#D4E147  
}
```

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 #D4E147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E147
}
```

## Border

The CSS property to change the border of an element to Hex D4E147 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
#D4E147 }
```

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

```
.border{ border-color:#D4E147 }
```

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

Here you see how a box with a 4 pixel #D4E147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E147; -webkit-box-shadow:4px 4px  
4px 4px #D4E147; box-shadow:4px 4px 4px  
4px #D4E147 }
```

# Background

The CSS property to change the background color of an element to Hex D4E147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E147 }
```

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

```
.background{ background-color:#D4E147 }
```

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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