

# Converting Colors

Hex(D3EA04)

Have a look what the booklet for  
Hex(D3EA04) contains.

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# **Color**

**Hex(D3EA04)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D3EA04                      |
| RGB         | 211, 234, 4                 |
| RGB Percent | 83%, 92%, 2%                |
| CMY         | 0.1725, 0.0824, 0.9843      |
| CMYK        | 0.10, 0.00, 0.98, 0.08      |
| HSL         | 66°, 97%, 47%               |
| HSV         | 66°, 98%, 92%               |
| XYZ         | 56.3087, 72.7033, 11.1802   |
| YIQ         | 200.9030, 60.1220, -76.4060 |

# Conversions

## Conversions Part 2

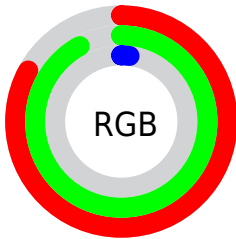
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 4, 234, 27                    |
| Decimal                             | 13888004                      |
| CIE Lab                             | 88.31, -29.66, 86.18          |
| CIE LCh                             | 88, 91.145, 108.991           |
| Yxy                                 | 72.7033, 0.4017,<br>0.5186    |
| Android<br>(android.graphics.Color) | 4292078084<br>(0xFFD3EA04)    |
| YUV                                 | 200.9030, -97.0732,<br>8.8551 |
| Hunter-Lab                          | 85.2662, -31.3368,<br>51.9122 |

# Details

The Hex color **D3EA04** 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 **1B04EA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF5C**, and **97B200** is the 20% darker color. If you saturate the color by 10%, you get **D3EA00**, and if you desaturate by 10%, it is **D5EA1B**.

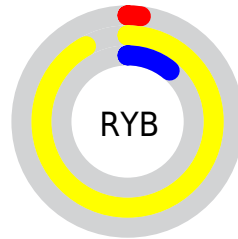
# Distribution



Red (83%)

Green (92%)

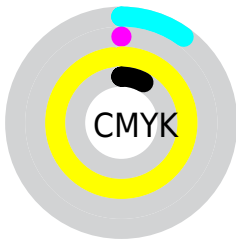
Blue (2%)



Red (2%)

Yellow (92%)

Blue (11%)

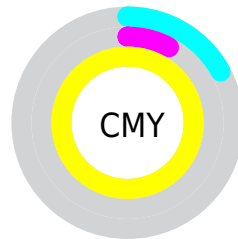


Cyan (10%)

Magenta (0%)

Yellow (98%)

Black (8%)



Cyan (17%)

Magenta (8%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3EA04 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 D3EA04 by changing the saturation by 10% instead.



 D3EA04

 D3EA04

FFFFFF

 B5CE00

 FFFF5C

 97B200

 FFFF7A

 7A9800

 FFFF98

 5E7E00

 FFFFB6

 416500

 FFFFD3

 244D00

 FFFFF1

 033600

 002200

 000000

 D3EA04

 D3EA04

 D3EA00

 D5EA1B

 D8EA33

 DAEA4A

 DCEA62

 DFEA79

 E1EA90

 E3EAA8

 E6EABF

 E8EAD7

# Harmonies

## Analogous

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



FFCE03



D3EA04



63FB63

# Triad

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



D3EA04



00FFFF



FF8AFF

# Complementary

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



D3EA04



1B04EA

# 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.



FFADFF



D3EA04



00F1FF

# Square

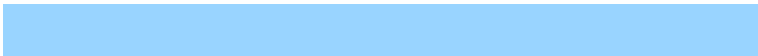
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3EA04



00FFFF



99D4FF



FF89AA

# Rectangle

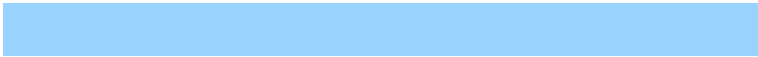
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3EA04



00FF9C



99D4FF



FF93FF



# Sweetspot

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



D3EA04



F8FFB5



EA1B04



7B8053



000000



808080



# Same Dimension

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



D3EA04



E6FF00



64EA04



74756A



A3B500



303600



# Inverse Universe

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



1B04EA



1900FF



8E04EA



6B6A75



1200B5

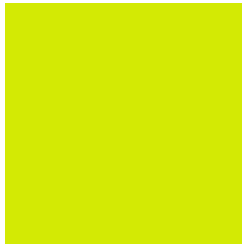


050036



# Previews

## White Background



This preview shows how the Hex color D3EA04 looks on a white background.

## Color Contrast Check

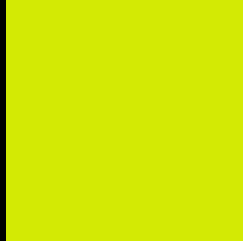
Large Text (above 18pt) WCAG AA × Fail

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 D3EA04 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 D3EA04 Background



This preview shows how black text looks on a background with the Hex color D3EA04.

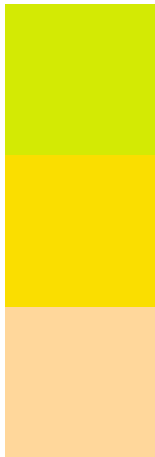


This preview shows how white text looks on a background with the Hex color D3EA04.

# 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**  
D3EA04

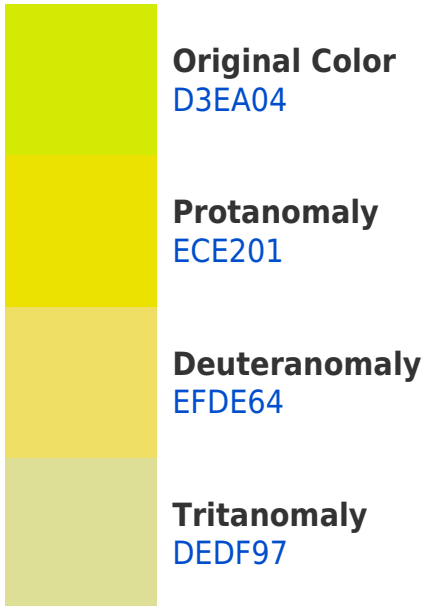
**Protanopia**  
FADE00

**Deuteranopia**  
FFD79B

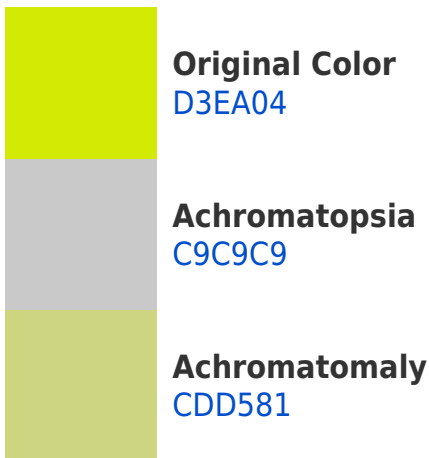


**Tritanopia**  
E4D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3EA04 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 #D3EA04 looks like.

```
.text, #text, p{  
    color:#D3EA04  
}
```

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 #D3EA04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3EA04
}
```

## Border

The CSS property to change the border of an element to Hex D3EA04 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
#D3EA04 }
```

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

```
.border{ border-color:#D3EA04 }
```

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

Here you see how a box with a 4 pixel #D3EA04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3EA04; -webkit-box-shadow:4px 4px  
4px 4px #D3EA04; box-shadow:4px 4px 4px  
4px #D3EA04 }
```

# Background

The CSS property to change the background color of an element to Hex D3EA04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3EA04 }
```

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

```
.background{ background-color:#D3EA04 }
```

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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