

# Converting Colors

Hex(D8EB3D)

Have a look what the booklet for  
Hex(D8EB3D) contains.

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**Color**

**Hex(D8EB3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8EB3D
RGB	216, 235, 61
RGB Percent	85%, 92%, 24%
CMY	0.1529, 0.0784, 0.7608
CMYK	0.08, 0.00, 0.74, 0.08
HSL	67°, 81%, 58%
HSV	67°, 74%, 92%
XYZ	58.8695, 74.3525, 15.6636
YIQ	209.4830, 44.5300, -58.1420

# Conversions

## Conversions Part 2

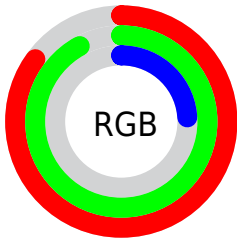
Format	Color
R <sub>Y</sub> B	61, 235, 80
Decimal	14215997
CIE Lab	89.09, -26.76, 76.39
CIE LCh	89, 80.945, 109.306
Yxy	74.3525, 0.3954, 0.4994
Android (android.graphics.Color)	4292406077 (0xFFD8EB3D)
YUV	209.4830, -73.2021, 5.7154
Hunter-Lab	86.2279, -29.0333, 49.5893

# Details

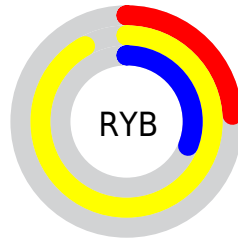
The Hex color **D8EB3D** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **503DEB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF79**, and **9DB300** is the 20% darker color. If you saturate the color by 10%, you get **D5EB25**, and if you desaturate by 10%, it is **DBEB55**.

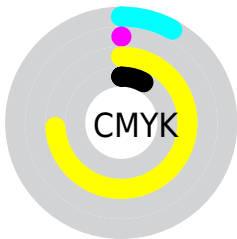
# Distribution



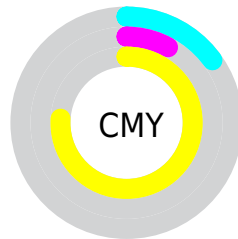
- Red (85%)
- Green (92%)
- Blue (24%)



- Red (24%)
- Yellow (92%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (74%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8EB3D 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 D8EB3D by changing the saturation by 10% instead.



 D8EB3D

 D8EB3D

FFFFFF

 BACF16

 FFFF79

 9DB300

 FFFF95

 819900

 FFFFB2

 647F00

 FFFFCE

 496600

 FFFFED

 2C4E00

 103700

 002200

 000000

 D8EB3D

 D8EB3D

 D5EB25

 DBEB55

 D3EB0E

 DDEB6C

 D1EB00

 E0EB84

 E2EB9B

 E5EBB3

 E7EBCA

 EAEBE2

 EDEBF9

 EFEBFF

# Harmonies

## Analogous

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



FFD23A



D8EB3D



7AFB75

# Triad

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



D8EB3D



00FFFF



FF9AFF

# Complementary

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



D8EB3D



503DEB

# 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.



FFB5FF



D8EB3D



00F1FF

# Square

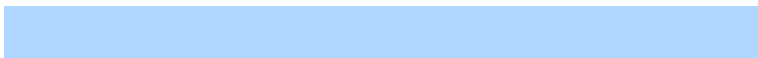
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8EB3D



00FFFF



ADD7FF



FF9AB1

# Rectangle

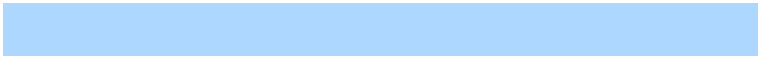
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8EB3D



00FFA6



ADD7FF



FFA1FF



# Sweetspot

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



D8EB3D



F9FFC7



EB4E3D



7C805E



000000



808080



# Same Dimension

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



D8EB3D



E6FF1C



83EB3D



74756A



A1B500



303600



# Inverse Universe

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



503DEB



351CFF



A53DEB



6B6A75



1400B5

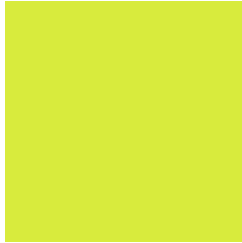


060036



# Previews

## White Background



This preview shows how the Hex color D8EB3D looks on a white background.

## Color Contrast Check

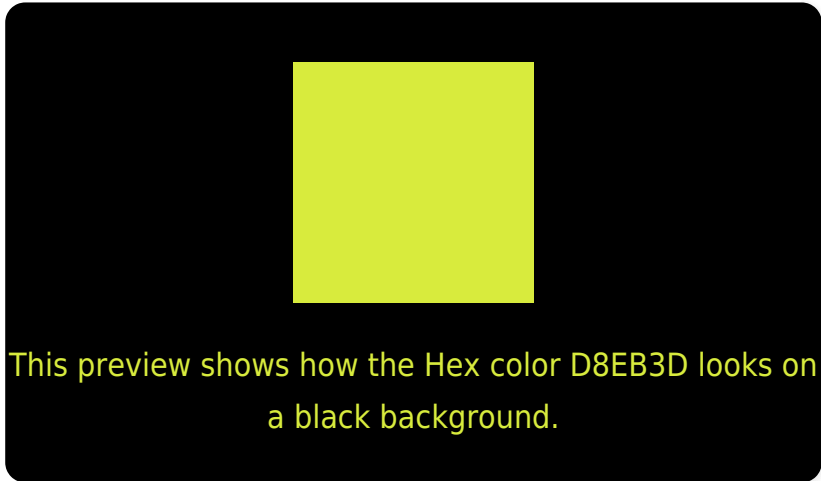
Large Text (above 18pt) WCAG AA × Fail

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 D8EB3D Background



This preview shows how black text looks on a background with the Hex color D8EB3D.

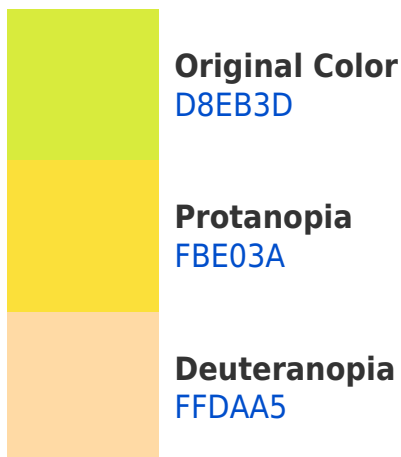


This preview shows how white text looks on a background with the Hex color D8EB3D.

# 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](#).

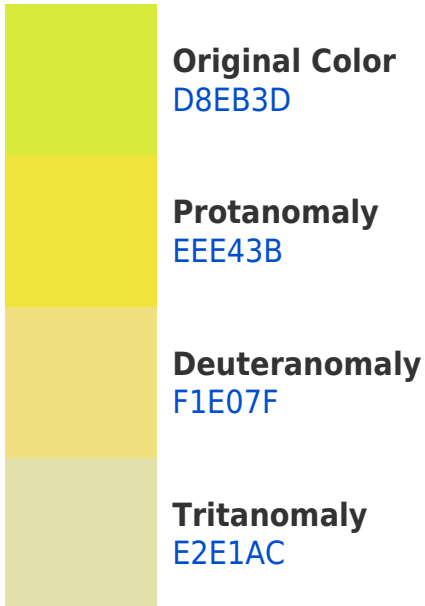
## Dichromacy





**Tritanopia**  
E8DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8EB3D 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 #D8EB3D looks like.

```
.text, #text, p{  
    color:#D8EB3D  
}
```

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 #D8EB3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8EB3D
}
```

## Border

The CSS property to change the border of an element to Hex D8EB3D 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
#D8EB3D }
```

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

```
.border{ border-color:#D8EB3D }
```

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

Here you see how a box with a 4 pixel #D8EB3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8EB3D; -webkit-box-shadow:4px 4px  
4px 4px #D8EB3D; box-shadow:4px 4px 4px  
4px #D8EB3D }
```

# Background

The CSS property to change the background color of an element to Hex D8EB3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8EB3D }
```

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

```
.background{ background-color:#D8EB3D }
```

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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