

# Converting Colors

Hex(D5EE1C)

Have a look what the booklet for  
Hex(D5EE1C) contains.

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**Color**

**Hex(D5EE1C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D5EE1C                      |
| RGB         | 213, 238, 28                |
| RGB Percent | 84%, 93%, 11%               |
| CMY         | 0.1647, 0.0667, 0.8902      |
| CMYK        | 0.11, 0.00, 0.88, 0.07      |
| HSL         | 67°, 86%, 52%               |
| HSV         | 67°, 88%, 93%               |
| XYZ         | 58.2247, 75.3790, 12.5795   |
| YIQ         | 206.5850, 52.5100, -70.6100 |

# Conversions

## Conversions Part 2

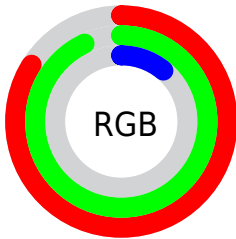
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 28, 238, 53                   |
| Decimal                             | 14020124                      |
| CIE Lab                             | 89.57, -30.40, 84.61          |
| CIE LCh                             | 90, 89.904, 109.763           |
| Yxy                                 | 75.3790, 0.3983,<br>0.5156    |
| Android<br>(android.graphics.Color) | 4292210204<br>(0xFFD5EE1C)    |
| YUV                                 | 206.5850, -88.0424,<br>5.6260 |
| Hunter-Lab                          | 86.8211, -32.2297,<br>52.1843 |

# Details

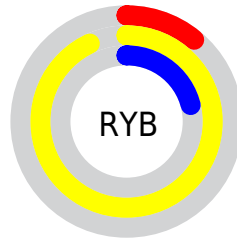
The Hex color **D5EE1C** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **351CEE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF64**, and **9AB600** is the 20% darker color. If you saturate the color by 10%, you get **D2EE04**, and if you desaturate by 10%, it is **D8EE34**.

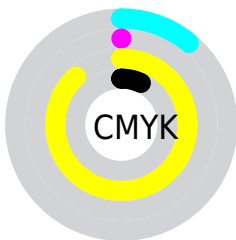
# Distribution



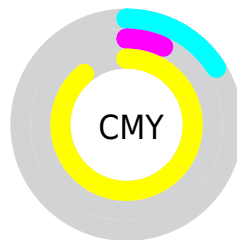
- Red (84%)
- Green (93%)
- Blue (11%)



- Red (11%)
- Yellow (93%)
- Blue (21%)



- Cyan (11%)
- Magenta (0%)
- Yellow (88%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5EE1C 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 D5EE1C by changing the saturation by 10% instead.



 D5EE1C

 D5EE1C

FFFFFF

 B7D200

 FFFF64

 9AB600

 FFFF82

 7C9B00

 FFFFA0

 608100

 FFFFBD

 436800

 FFFFDB

 265000

 FFFFF9

 053900

 002400

 000000

 D5EE1C

 D5EE1C

 D2EE04

 D8EE34

 D2EE00

 DBEE4C

 DEEE63

 E0EE7B

 E3EE93

 E6EEAB

 E9EEC3

 ECEEDA

 EEEEF2

# Harmonies

## Analogous

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



FFD316



D5EE1C



66FF6A

# Triad

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



D5EE1C



00FFFF



FF8FFF

# Complementary

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



D5EE1C



351CEE

# 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



D5EE1C



00F4FF

# Square

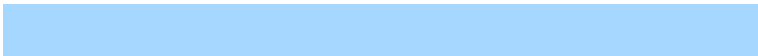
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5EE1C



00FFFF



A5D7FF



FF8FAC

# Rectangle

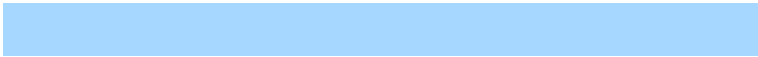
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5EE1C



00FFA2



A5D7FF



FF98FF



# Sweetspot

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



D5EE1C



F7FFBD



EE351C



7B8058



000000



808080



# Same Dimension

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



D5EE1C



E1FF00



6CEE1C



76786C



A2B800



313800



# Inverse Universe

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



351CEE



1E00FF



9E1CEE



6D6C78



1600B8

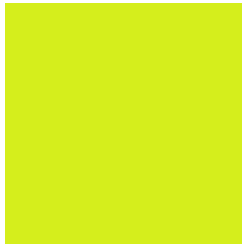


070038



# Previews

## White Background



This preview shows how the Hex color D5EE1C looks on a white background.

## Color Contrast Check

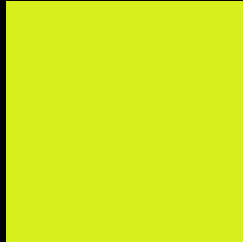
Large Text (above 18pt) WCAG AA × Fail

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 D5EE1C 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 D5EE1C Background



This preview shows how black text looks on a background with the Hex color D5EE1C.

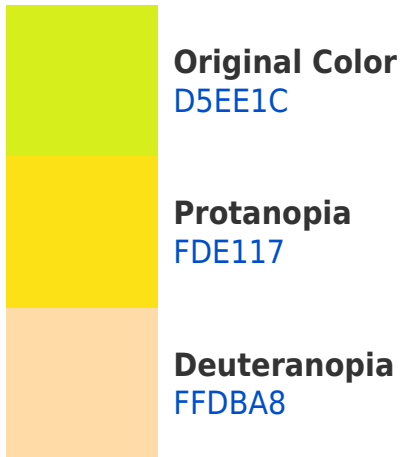


This preview shows how white text looks on a background with the Hex color D5EE1C.

# 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](#).

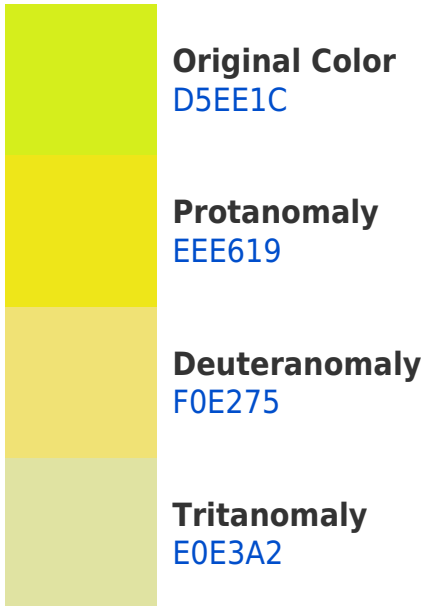
## Dichromacy





**Tritanopia**  
E7DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5EE1C 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 #D5EE1C looks like.

```
.text, #text, p{  
    color:#D5EE1C  
}
```

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 #D5EE1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5EE1C
}
```

## Border

The CSS property to change the border of an element to Hex D5EE1C 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
#D5EE1C }
```

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

```
.border{ border-color:#D5EE1C }
```

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

Here you see how a box with a 4 pixel #D5EE1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5EE1C; -webkit-box-shadow:4px 4px  
4px 4px #D5EE1C; box-shadow:4px 4px 4px  
4px #D5EE1C }
```

# Background

The CSS property to change the background color of an element to Hex D5EE1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5EE1C }
```

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

```
.background{ background-color:#D5EE1C }
```

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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