

# Converting Colors

Hex(D5E33E)

Have a look what the booklet for  
Hex(D5E33E) contains.

<b>Hex(D5E33E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5E33E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E33E
RGB	213, 227, 62
RGB Percent	84%, 89%, 24%
CMY	0.1647, 0.1098, 0.7569
CMYK	0.06, 0.00, 0.73, 0.11
HSL	65°, 75%, 57%
HSV	65°, 73%, 89%
XYZ	55.7792, 69.4321, 15.0193
YIQ	204.0040, 44.6210, -54.2830

# Conversions

## Conversions Part 2

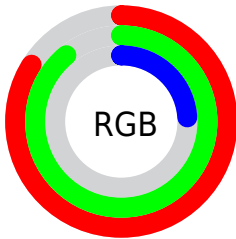
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 227, 76
Decimal	14017342
CIELab	86.72, -24.13, 73.76
CIELCh	87, 77.609, 108.117
Yxy	69.4321, 0.3978, 0.4951
Android (android.graphics.Color)	4292207422 (0xFFD5E33E)
YUV	204.0040, -70.0080, 7.8895
Hunter-Lab	83.3259, -26.3308, 47.6413

# Details

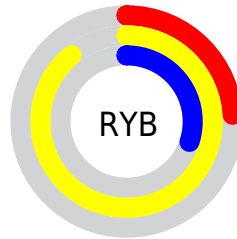
The Hex color **D5E33E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **4C3EE3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF79**, and **9BAC00** is the 20% darker color. If you saturate the color by 10%, you get **D3E327**, and if you desaturate by 10%, it is **D7E355**.

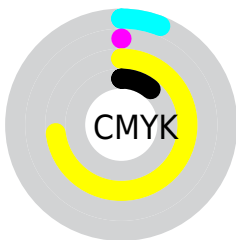
# Distribution



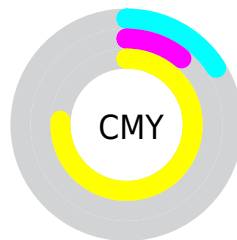
- Red (84%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (30%)



- Cyan (6%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5E33E 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 D5E33E by changing the saturation by 10% instead.



 D5E33E

 D5E33E

FFFFFF

 B8C71A

 FFFF79

 9BAC00

 FFFF95

 7E9100

 FFFFB2

 627800

 FFFFCE

 475F00

 FFFFEC

 2B4700

 0F3100

 001E00

 000000

 D5E33E

 D5E33E

 D3E327

 D7E355

 D1E311

 D9E36B

 D0E300

 DBE382

 DDE399

 DFE3B0

 E1E3C6

 E2E3DD

 E4E3F4

 E6E3FF

# Harmonies

## Analogous

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



FFCB3E



D5E33E



7DF371

# Triad

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



D5E33E



00F8FF



FF98FA

# Complementary

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



D5E33E



4C3EE3

# 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.



FFB2FF



D5E33E



00EAFB

# Square

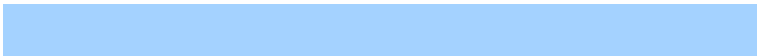
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5E33E



00DFF



A4D2FF



FF97B0

# Rectangle

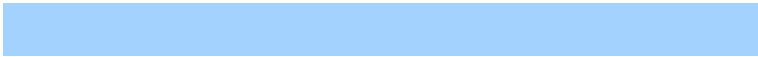
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5E33E



00F99F



A4D2FF



FF9FFF



# Sweetspot

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



D5E33E



FAFFC7



E34C3E



7D805E



000000



808080



# Same Dimension

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



D5E33E



ECFF21



83E33E



727367



A3B300



2F3300



# Inverse Universe

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



4C3EE3



3421FF



9E3EE3



686773



0F00B3



040033



# Previews

## White Background



This preview shows how the Hex color D5E33E looks on a white background.

## Color Contrast Check

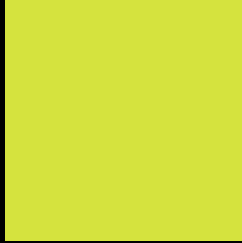
Large Text (above 18pt) WCAG AA × Fail

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 D5E33E 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 D5E33E Background



This preview shows how black text looks on a background with the Hex color D5E33E.

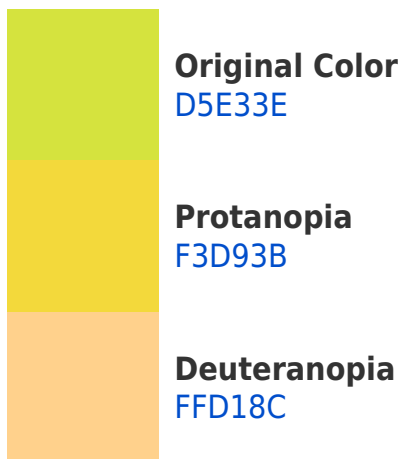


This preview shows how white text looks on a background with the Hex color D5E33E.

# 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](#).

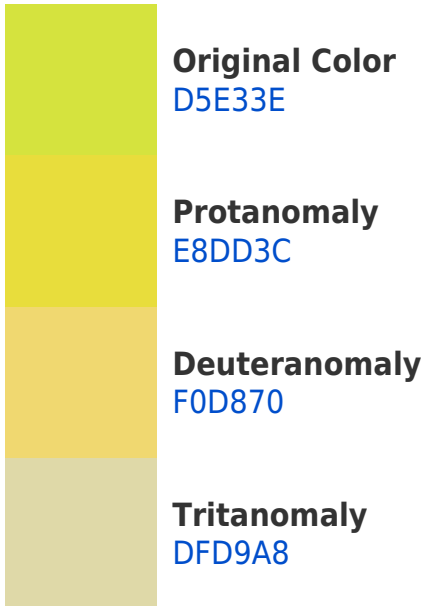
## Dichromacy





**Tritanopia**  
E4D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5E33E 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 #D5E33E looks like.

```
.text, #text, p{  
    color:#D5E33E  
}
```

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 #D5E33E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E33E
}
```

## Border

The CSS property to change the border of an element to Hex D5E33E 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
#D5E33E }
```

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

```
.border{ border-color:#D5E33E }
```

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

Here you see how a box with a 4 pixel #D5E33E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E33E; -webkit-box-shadow:4px 4px  
4px 4px #D5E33E; box-shadow:4px 4px 4px  
4px #D5E33E }
```

# Background

The CSS property to change the background color of an element to Hex D5E33E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E33E }
```

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

```
.background{ background-color:#D5E33E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor