

# Converting Colors

Hex(DED539)

Have a look what the booklet for  
Hex(DED539) contains.

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**Color**

**Hex(DED539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DED539
RGB	222, 213, 57
RGB Percent	87%, 84%, 22%
CMY	0.1294, 0.1647, 0.7765
CMYK	0.00, 0.04, 0.74, 0.13
HSL	57°, 71%, 55%
HSV	57°, 74%, 87%
XYZ	54.6570, 63.4135, 13.2302
YIQ	197.9070, 55.4400, -46.6080

# Conversions

## Conversions Part 2

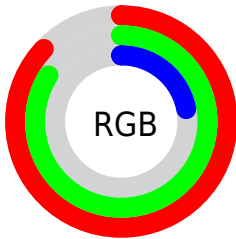
Format	Color
<b>RYB</b>	67, 222, 57
Decimal	14603577
CIELab	83.66, -13.78, 72.77
CIELCh	84, 74.060, 100.722
Yxy	63.4135, 0.4163, 0.4830
Android (android.graphics.Color)	4292793657 (0xFFDED539)
YUV	197.9070, -69.4672, 21.1296
Hunter-Lab	79.6326, -16.8410, 45.8923

# Details

The Hex color **DED539** 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 **3942DE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF73**, and **A39F00** is the 20% darker color. If you saturate the color by 10%, you get **DED423**, and if you desaturate by 10%, it is **DED64F**.

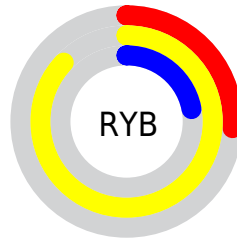
# Distribution



Red (87%)

Green (84%)

Blue (22%)



Red (26%)

Yellow (87%)

Blue (22%)

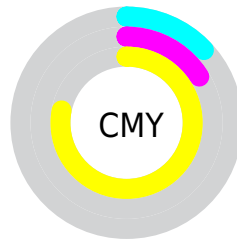


Cyan (0%)

Magenta (4%)

Yellow (74%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DED539 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 DED539 by changing the saturation by 10% instead.



 DED539

 DED539

FFFFFF

 C0B913

 FFFF73

 A39F00

 FFFF90

 868500

 FFFFAC

 6A6C00

 FFFFC9

 4F5400

 FFFF E6

 343D00

 1B2700

 001400

 000000

 DED539

 DED539

 DED423

 DED64F

 DED30D

 DED765

 DED200

 DED97C

 DEDA92

 DEDBA8

 DEDCBE

 DEDDD4

 DEDFEB

 DEEOFF

# Harmonies

## Analogous

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



FFBD47



DED539



92E660

# Triad

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



DED539



00EFFF



FF98FF

# Complementary

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



DED539



3942DE

# 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.



F5B3FF



DED539



00E4FF

# Square

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



DED539



00F2E8



75D0FF



FF90BA

# Rectangle

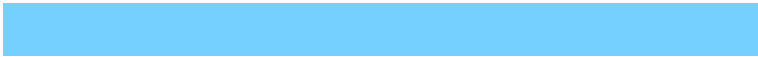
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DED539



42ED89



75D0FF



FFA0FF



# Sweetspot

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



DED539



FFFCC7



DE3944



807E5E



000000



808080



# Same Dimension

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



DED539



FFF31C



96DE39



707065



B0A600



302E00



# Inverse Universe

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



3942DE



1C28FF



8139DE



656670



000AB0

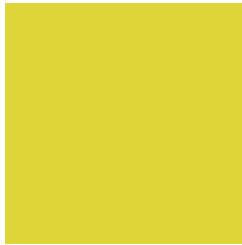


000330



# Previews

## White Background



This preview shows how the Hex color DED539 looks on a white background.

## Color Contrast Check

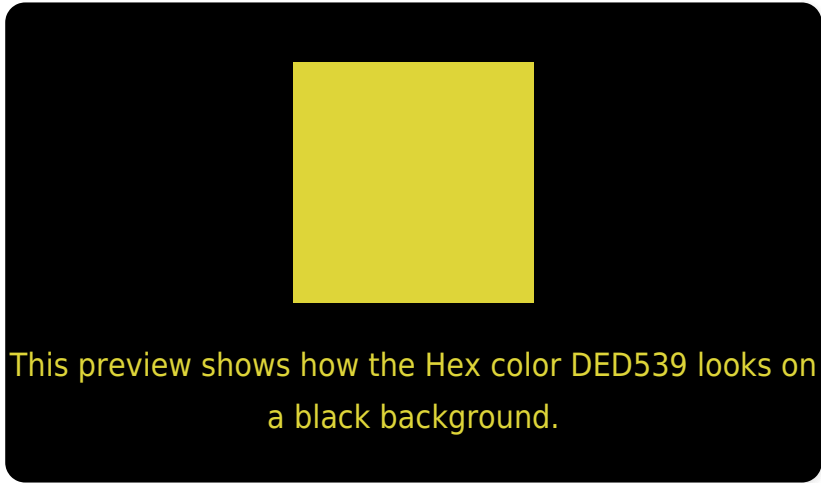
Large Text (above 18pt) WCAG AA × Fail

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 DED539 Background



This preview shows how black text looks on a background with the Hex color DED539.



This preview shows how white text looks on a background with the Hex color DED539.

# 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**  
DED539

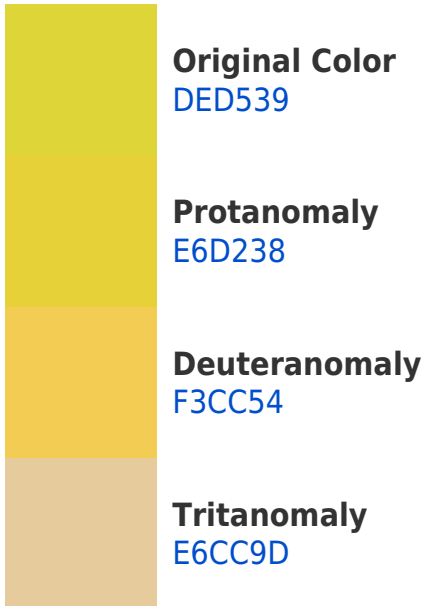
**Protanopia**  
EAD138

**Deuteranopia**  
FFC763



**Tritanopia**  
EBC7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DED539 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 #DED539 looks like.

```
.text, #text, p{  
    color:#DED539  
}
```

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 #DED539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED539
}
```

## Border

The CSS property to change the border of an element to Hex DED539 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
#DED539 }
```

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

```
.border{ border-color:#DED539 }
```

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

Here you see how a box with a 4 pixel #DED539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED539; -webkit-box-shadow:4px 4px  
4px 4px #DED539; box-shadow:4px 4px 4px  
4px #DED539 }
```

# Background

The CSS property to change the background color of an element to Hex DED539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED539 }
```

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

```
.background{ background-color:#DED539 }
```

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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