

# Converting Colors

Hex(DDEA37)

Have a look what the booklet for  
Hex(DDEA37) contains.

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**Color**

**Hex(DDEA37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDEA37
RGB	221, 234, 55
RGB Percent	87%, 92%, 22%
CMY	0.1333, 0.0824, 0.7843
CMYK	0.06, 0.00, 0.76, 0.08
HSL	64°, 81%, 57%
HSV	64°, 76%, 92%
XYZ	59.9312, 74.4936, 14.8344
YIQ	209.7070, 49.7110, -58.4250

# Conversions

## Conversions Part 2

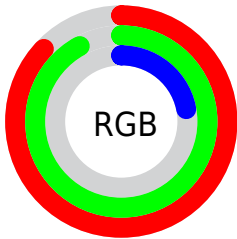
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 234, 68
Decimal	14543415
CIE <sub>Lab</sub>	89.16, -24.50, 78.39
CIE <sub>LCh</sub>	89, 82.130, 107.357
Yxy	74.4936, 0.4015, 0.4991
Android (android.graphics.Color)	4292733495 (0xFFDDEA37)
YUV	209.7070, -76.2706, 9.9040
Hunter-Lab	86.3097, -27.0962, 50.2263

# Details

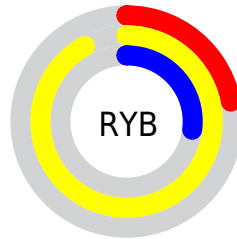
The Hex color **DDEA37** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4437EA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF74**, and **A2B200** is the 20% darker color. If you saturate the color by 10%, you get **DBEA20**, and if you desaturate by 10%, it is **DFEA4E**.

# Distribution



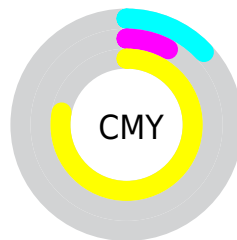
- Red (87%)
- Green (92%)
- Blue (22%)



- Red (22%)
- Yellow (92%)
- Blue (27%)



- Cyan (6%)
- Magenta (0%)
- Yellow (76%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDEA37 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 DDEA37 by changing the saturation by 10% instead.



 DDEA37

 DDEA37

FFFFFF

 BFCE07

 FFFF74

 A2B200

 FFFF91

 859800

 FFFFAE

 697E00

 FFFF CB

 4D6500

 FFFF E9

 314D00

 153600

 002100

 000000

 DDEA37

 DDEA37

 DBEA20

 DFEA4E

 DAEA08

 E0EA66

 D9EA00

 E2EA7D

 E4EA95

 E5EAAC

 E7EAC3

 E9EADB

 EBFAF2

 ECEAFF

# Harmonies

## Analogous

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



FFD039



DDEA37



80FB6F

# Triad

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



DDEA37



00FFFF



FF9AFF

# Complementary

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



DDEA37



4437EA

# 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.



FFB7FF



DDEA37



00F2FF

# Square

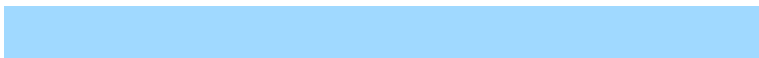
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDEA37



00FFFF



A0D9FF



FF98B6

# Rectangle

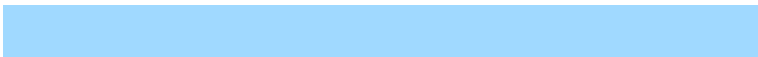
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDEA37



00FFA0



A0D9FF



FFA2FF



# Sweetspot

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



DDEA37



FBFFC4



EA4337



7D805C



000000



808080



# Same Dimension

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



DDEA37



EEFF14



85EA37



74756A



A8B500



323600



# Inverse Universe

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



4437EA



2514FF



9C37EA



6A6A75



0D00B5

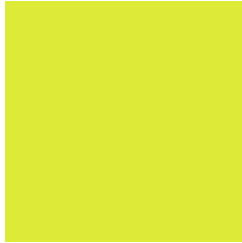


040036



# Previews

## White Background



This preview shows how the Hex color DDEA37 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 DDEA37 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 DDEA37 Background



This preview shows how black text looks on a background with the Hex color DDEA37.



This preview shows how white text looks on a background with the Hex color DDEA37.

# 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



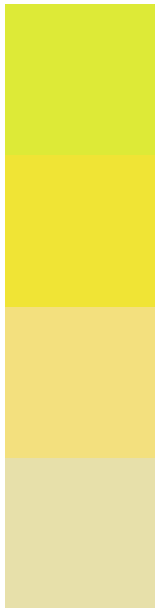
**Original Color**  
DDEA37

**Protanopia**  
FBE034

**Deuteranopia**  
FFDAA6



# Trichromacy



**Original Color**  
DDEA37

**Protanomaly**  
F0E435

**Deuteranomaly**  
F3E07E

**Tritanomaly**  
E7E0AA

# Monochromacy



**Original Color**  
DDEA37

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D6DB9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDEA37 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 #DDEA37 looks like.

```
.text, #text, p{  
    color:#DDEA37  
}
```

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 #DDEA37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDEA37
}
```

## Border

The CSS property to change the border of an element to Hex DDEA37 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
#DDEA37 }
```

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

```
.border{ border-color:#DDEA37 }
```

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

Here you see how a box with a 4 pixel #DDEA37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDEA37; -webkit-box-shadow:4px 4px  
4px 4px #DDEA37; box-shadow:4px 4px 4px  
4px #DDEA37 }
```

# Background

The CSS property to change the background color of an element to Hex DDEA37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDEA37 }
```

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

```
.background{ background-color:#DDEA37 }
```

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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