

Converting Colors

Hex(DDE237)

Have a look what the booklet for
Hex(DDE237) contains.

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Color

Hex(DDE237)

Conversions

Conversions Part 1

Format	Color
Hex	DDE237
RGB	221, 226, 55
RGB Percent	87%, 89%, 22%
CMY	0.1333, 0.1137, 0.7843
CMYK	0.02, 0.00, 0.76, 0.11
HSL	62°, 75%, 55%
HSV	62°, 76%, 89%
XYZ	57.7047, 70.0407, 14.0923
YIQ	205.0110, 51.9110, -54.2410

Conversions

Conversions Part 2

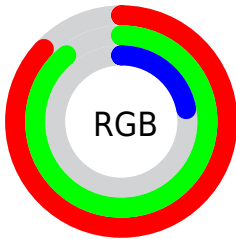
Format	Color
RYB	55, 226, 60
Decimal	14541367
CIELab	87.02, -20.66, 76.45
CIELCh	87, 79.191, 105.123
Yxy	70.0407, 0.4068, 0.4938
Android (android.graphics.Color)	4292731447 (0xFFDDE237)
YUV	205.0110, -73.9554, 14.0224
Hunter-Lab	83.6903, -23.3818, 48.5996

Details

The Hex color **DDE237** 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 **3C37E2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF73**, and **A2AB00** is the 20% darker color. If you saturate the color by 10%, you get **DCE220**, and if you desaturate by 10%, it is **DEE24E**.

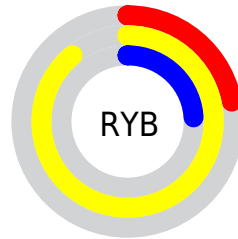
Distribution



Red (87%)

Green (89%)

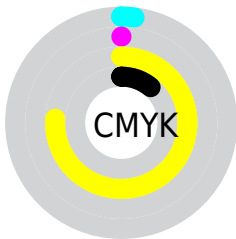
Blue (22%)



Red (22%)

Yellow (89%)

Blue (24%)

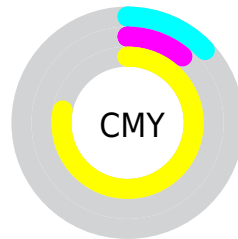


Cyan (2%)

Magenta (0%)

Yellow (76%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE237 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 DDE237 by changing the saturation by 10% instead.

 DDE237

 DDE237

FFFFFF

 BFC60A

 FFFF73

 A2AB00

 FFFF90

 859100

 FFFFAD

 697700

 FFFFCA

 4D5E00

 FFFFEE

 324700

 183000

 001D00

 000000

 DDE237

 DDE237

 DCE220

 DEE24E

 DCE20A

 DEE264

 DBE200

 DFE27B

 E0E291

 E0E2A8

 E1E2BF

 E2E2D5

 E2E2EC

 E3E2FF

Harmonies

Analogous

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



FFC93E



DDE237



86F369

Triad

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



DDE237



00FAFF



FF99FF

Complementary

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



DDE237



3C37E2

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



DDE237



00EDFF

Square

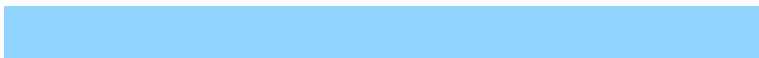
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDE237



00FEFF



91D5FF



FF94B7

Rectangle

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



DDE237



00F997



91D5FF



FFA1FF

Sweetspot

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



DDE237



FDFFC4



E23A37



7E805C



000000



808080

Same Dimension

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



DDE237



F8FF17



8AE237



707065



ABB000



2F3000

Inverse Universe

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



3C37E2



1E17FF



8F37E2



656570



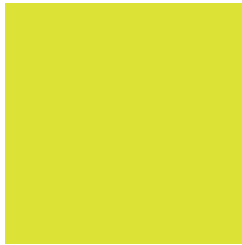
0500B0



010030

Previews

White Background



This preview shows how the Hex color DDE237 looks on a white background.

Color Contrast Check

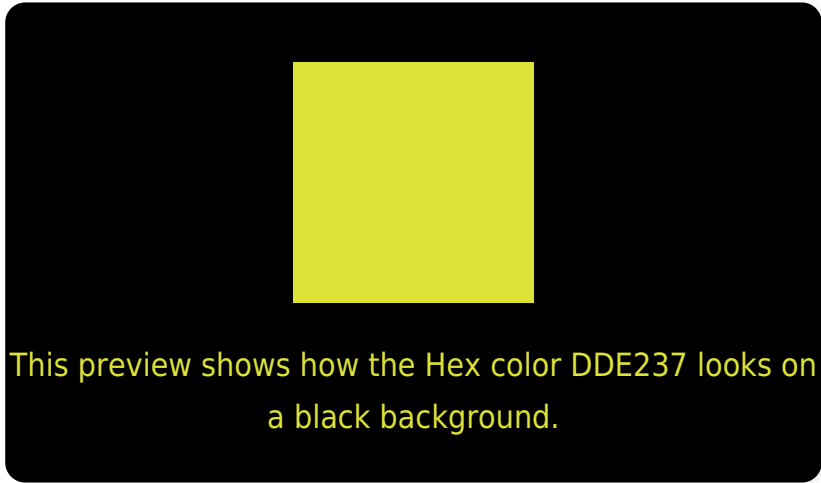
Large Text (above 18pt) WCAG AA × Fail

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 DDE237 Background



This preview shows how black text looks on a background with the Hex color DDE237.

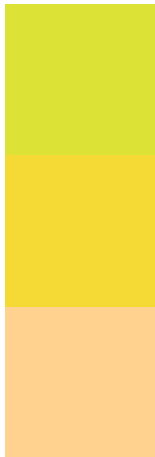


This preview shows how white text looks on a background with the Hex color DDE237.

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
DDE237

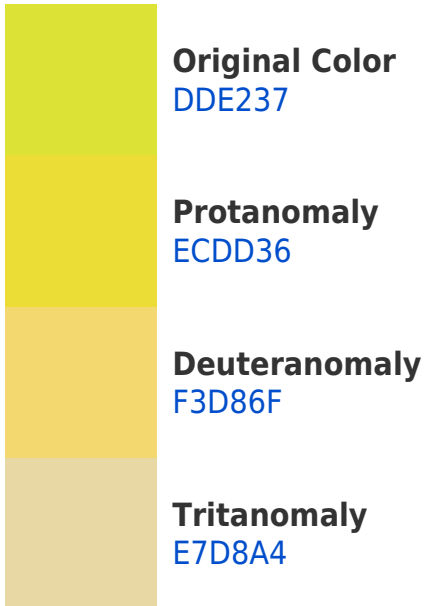
Protanopia
F5DA35

Deuteranopia
FFD38F

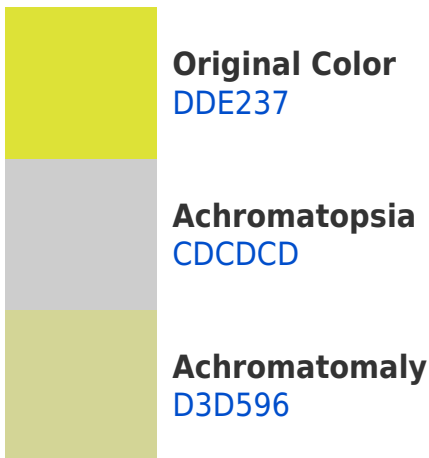


Tritanopia
ECD3E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE237 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 #DDE237 looks like.

```
.text, #text, p{  
    color:#DDE237  
}
```

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 #DDE237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE237
}
```

Border

The CSS property to change the border of an element to Hex DDE237 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
#DDE237 }
```

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

```
.border{ border-color:#DDE237 }
```

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

Here you see how a box with a 4 pixel #DDE237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE237; -webkit-box-shadow:4px 4px  
4px 4px #DDE237; box-shadow:4px 4px 4px  
4px #DDE237 }
```

Background

The CSS property to change the background color of an element to Hex DDE237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE237 }
```

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

```
.background{ background-color:#DDE237 }
```

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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