

Converting Colors

Hex(DEE600)

Have a look what the booklet for
Hex(DEE600) contains.

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Color

Hex(DEE600)

Conversions

Conversions Part 1

Format	Color
Hex	DEE600
RGB	222, 230, 0
RGB Percent	87%, 90%, 0%
CMY	0.1294, 0.0980, 1.0000
CMYK	0.03, 0.00, 1.00, 0.10
HSL	62°, 100%, 45%
HSV	62°, 100%, 90%
XYZ	58.4210, 72.1232, 10.8421
YIQ	201.3880, 69.0620, -73.2260

Conversions

Conversions Part 2

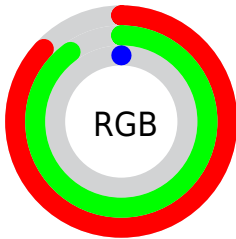
Format	Color
RYB	0, 230, 8
Decimal	14607872
CIELab	88.03, -23.27, 86.66
CIELCh	88, 89.729, 105.033
Yxy	72.1232, 0.4132, 0.5101
Android (android.graphics.Color)	4292797952 (0xFFDEE600)
YUV	201.3880, -99.2843, 18.0767
Hunter-Lab	84.9254, -25.8275, 51.8785

Details

The Hex color **DEE600** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **0800E6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF5A**, and **A2AF00** is the 20% darker color. If you saturate the color by 10%, you get **DEE600**, and if you desaturate by 10%, it is **DFE617**.

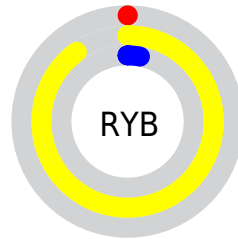
Distribution



Red (87%)

Green (90%)

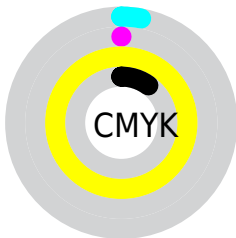
Blue (0%)



Red (0%)

Yellow (90%)

Blue (3%)

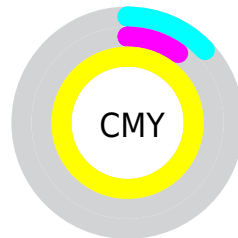


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (13%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE600 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 DEE600 by changing the saturation by 10% instead.

 DEE600

 DEE600

FFFFFF

 COCA00

 FFFF5A

 A2AF00

 FFFF79

 859400

 FFFF97

 687B00

 FFFFB4

 4C6200

 FFFFD2

 304A00

 FFFFF0

 153300

 001F00

 000000

 DEE600

 DFE617

 E0E62E

 E0E645

 E1E65C

 E2E673

 E3E68A

 E4E6A1

 E4E6B8

 E5E6CF

Harmonies

Analogous

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



FFC91C



DEE600



79F85A

Triad

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



DEE600



00FFFF



FF8EFF

Complementary

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



DEE600



0800E6

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



DEE600



00F3FF

Square

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



DEE600



00FFFF



7BD8FF



FF88B5

Rectangle

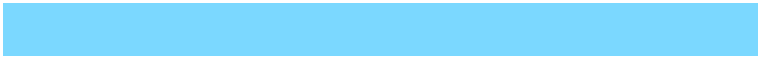
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEE600



00FF91



7BD8FF



FF98FF

Sweetspot

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



DEE600



FCFFB3



E6800



7E8052



000000



808080

Same Dimension

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



DEE600



F6FF00



6BE600



727367



ACB300



313300

Inverse Universe

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



0800E6



0900FF



7B00E6



686773



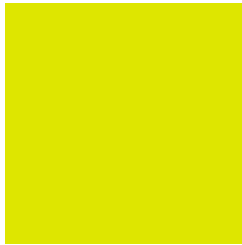
0600B3



020033

Previews

White Background



This preview shows how the Hex color DEE600 looks on a white background.

Color Contrast Check

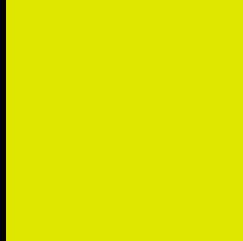
Large Text (above 18pt) WCAG AA × Fail

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 DEE600 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 DEE600 Background



This preview shows how black text looks on a background with the Hex color DEE600.



This preview shows how white text looks on a background with the Hex color DEE600.

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
DEE600

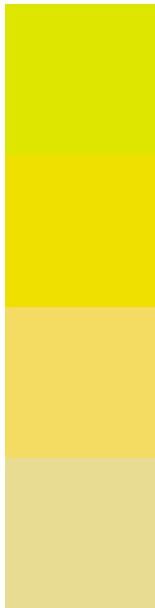
Protanopia
F9DD00

Deuteranopia
FFD699



Tritanopia
EED6E7

Trichromacy



Original Color
DEE600

Protanomaly
EFE000

Deuteranomaly
F3DC61

Tritanomaly
E8DC93

Monochromacy



Original Color
DEE600

Achromatopsia
C9C9C9

Achromatomaly
D1D480

CSS Examples

Text

The CSS property to change the color of the text to Hex DEE600 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 #DEE600 looks like.

```
.text, #text, p{  
    color:#DEE600  
}
```

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 #DEE600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE600
}
```

Border

The CSS property to change the border of an element to Hex DEE600 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
#DEE600 }
```

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

```
.border{ border-color:#DEE600 }
```

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

Here you see how a box with a 4 pixel #DEE600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE600; -webkit-box-shadow:4px 4px  
4px 4px #DEE600; box-shadow:4px 4px 4px  
4px #DEE600 }
```

Background

The CSS property to change the background color of an element to Hex DEE600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE600 }
```

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

```
.background{ background-color:#DEE600 }
```

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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