

Converting Colors

Hex(DEE23F)

Have a look what the booklet for
Hex(DEE23F) contains.

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Color

Hex(DEE23F)

Conversions

Conversions Part 1

Format	Color
Hex	DEE23F
RGB	222, 226, 63
RGB Percent	87%, 89%, 25%
CMY	0.1294, 0.1137, 0.7529
CMYK	0.02, 0.00, 0.72, 0.11
HSL	61°, 74%, 57%
HSV	61°, 72%, 89%
XYZ	58.2178, 70.2812, 15.1999
YIQ	206.2220, 49.9390, -51.5410

Conversions

Conversions Part 2

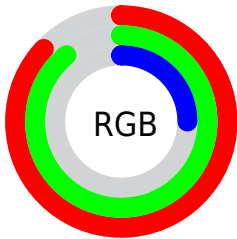
Format	Color
RYB	63, 226, 67
Decimal	14606911
CIELab	87.13, -19.92, 74.07
CIELCh	87, 76.699, 105.051
Yxy	70.2812, 0.4051, 0.4891
Android (android.graphics.Color)	4292796991 (0xFFDEE23F)
YUV	206.2220, -70.6084, 13.8373
Hunter-Lab	83.8339, -22.7514, 47.9339

Details

The Hex color **DEE23F** 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 **433FE2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF79**, and **A3AB00** is the 20% darker color. If you saturate the color by 10%, you get **DDE228**, and if you desaturate by 10%, it is **DFE256**.

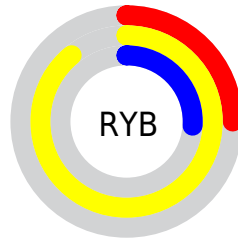
Distribution



Red (87%)

Green (89%)

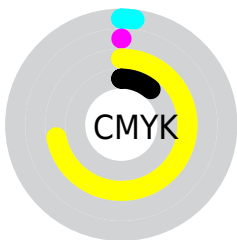
Blue (25%)



Red (25%)

Yellow (89%)

Blue (26%)

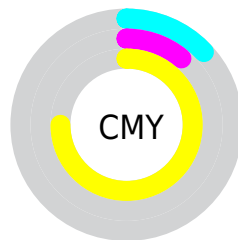


Cyan (2%)

Magenta (0%)

Yellow (72%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE23F 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 DEE23F by changing the saturation by 10% instead.

 DEE23F

 DEE23F

FFFFFF

 C0C61B

 FFFF79

 A3AB00

 FFFF96

 869100

 FFFFB3

 6A7700

 FFFF00

 4F5E00

 FFFFED

 334700

 193000

 001D00

 000000

 DEE23F

 DEE23F

 DDE228

 DFE256

 DDE212

 DFE26C

 DCE200

 E0E283

 E0E299

 E1E2B0

 E1E2C7

 E2E2DD

 E2E2F4

 E3E2FF

Harmonies

Analogous

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



FFC945



DEE23F



8AF26D

Triad

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



DEE23F



00F9FF



FF9CFF

Complementary

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



DEE23F



433FE2

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



DEE23F



00EDFF

Square

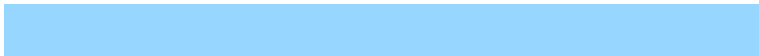
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEE23F



00FEFE



96D6FF



FF98B8

Rectangle

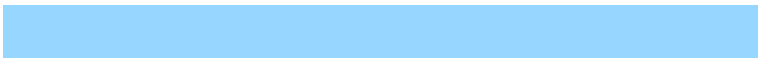
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEE23F



1AF99A



96D6FF



FFA4FF

Sweetspot

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



DEE23F



FEFFC7



E2423F



7F805E



000000



808080

Same Dimension

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



DEE23F



FAFF21



8EE23F



707065



ACB000



2F3000

Inverse Universe

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



433FE2



2721FF



933FE2



656570



0400B0



010030

Previews

White Background



This preview shows how the Hex color DEE23F 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 DEE23F 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 DEE23F Background



This preview shows how black text looks on a background with the Hex color DEE23F.

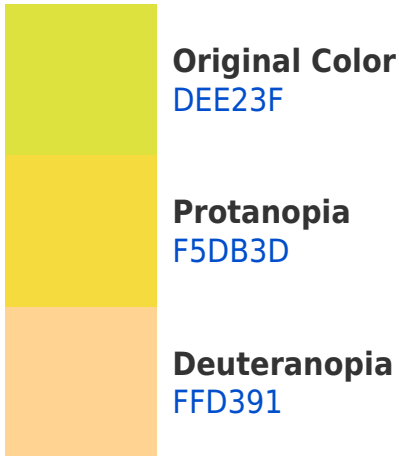


This preview shows how white text looks on a background with the Hex color DEE23F.

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](#).

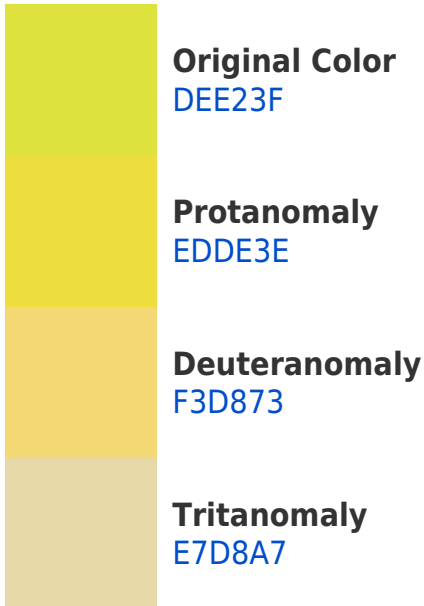
Dichromacy



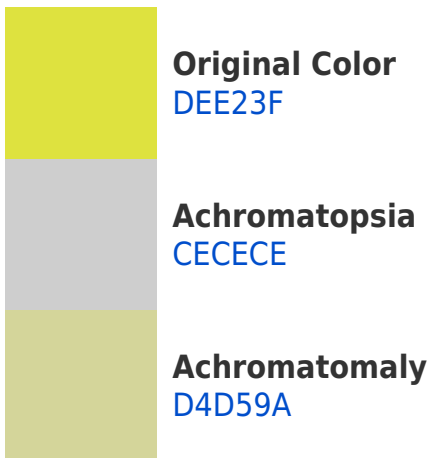


Tritanopia
ECD3E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEE23F 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 #DEE23F looks like.

```
.text, #text, p{  
    color:#DEE23F  
}
```

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 #DEE23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE23F
}
```

Border

The CSS property to change the border of an element to Hex DEE23F 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
#DEE23F }
```

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

```
.border{ border-color:#DEE23F }
```

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

Here you see how a box with a 4 pixel #DEE23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE23F; -webkit-box-shadow:4px 4px  
4px 4px #DEE23F; box-shadow:4px 4px 4px  
4px #DEE23F }
```

Background

The CSS property to change the background color of an element to Hex DEE23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE23F }
```

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

```
.background{ background-color:#DEE23F }
```

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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