

Converting Colors

Hex(D EE 5 7 7)

Have a look what the booklet for
Hex(DEE577) contains.

Hex(DEE577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D EE 5 7 7)

Conversions

Conversions Part 1

Format	Color
Hex	DEE577
RGB	222, 229, 119
RGB Percent	87%, 90%, 47%
CMY	0.1294, 0.1020, 0.5333
CMYK	0.03, 0.00, 0.48, 0.10
HSL	64°, 68%, 68%
HSV	64°, 48%, 90%
XYZ	61.4733, 72.9001, 28.2839
YIQ	214.3670, 31.1380, -35.6940

Conversions

Conversions Part 2

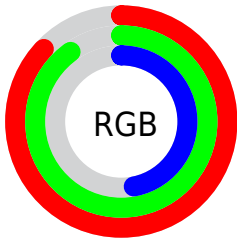
Format	Color
RYB	119, 229, 126
Decimal	14607735
CIELab	88.40, -17.60, 52.39
CIELCh	88, 55.266, 108.570
Yxy	72.9001, 0.3779, 0.4482
Android (android.graphics.Color)	4292797815 (0xFFDEE577)
YUV	214.3670, -47.0159, 6.6941
Hunter-Lab	85.3816, -20.9008, 40.1264

Details

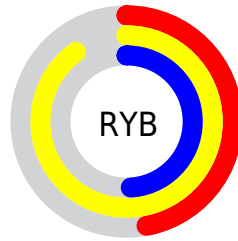
The Hex color **DEE577** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E77E5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFAD**, and **A5AE42** is the 20% darker color. If you saturate the color by 10%, you get **DDE560**, and if you desaturate by 10%, it is **DFE58E**.

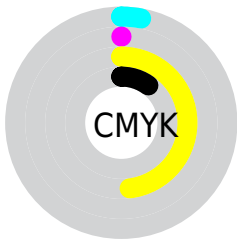
Distribution



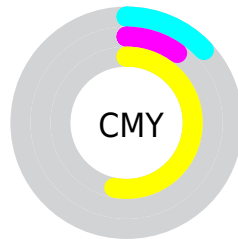
- Red (87%)
- Green (90%)
- Blue (47%)



- Red (47%)
- Yellow (90%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE577 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 DEE577 by changing the saturation by 10% instead.

 DEE577

 DEE577

FFFFFF

 C1C95D

 FFFFAD

 A5AE42

 FFFPCA

 899328

 FFFFE6

 6E7905

 546100

 3B4900

 213200

 011E00

 000000

 DEE577

 DEE577

 DDE560

 DFE58E

 DBE549

 E1E5A5

 DAE532

 E2E5BC

 D8E51B

 E4E5D3

 D7E504

 E5E5EA

 D6E500

 E7E5FF

 E8E5FF

 EAE5FF

 EBE5FF

Harmonies

Analogous

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



FFD475



DEE577



A2F196

Triad

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



DEE577



00F4FF



FFB5F4

Complementary

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



DEE577



7E77E5

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.



FFC4FF



DEE577



56E9FF

Square

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



DEE577



00F9FE



C3D8FF



FFB4BF

Rectangle

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



DEE577



70F6B6



C3D8FF



FFB9FF

Sweetspot

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



DEE577



FDFFD8



E57D77



7E806A



000000



808080

Same Dimension

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



DEE577



F6FF6B



A8E577



727367



A7B300



303300

Inverse Universe

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



7E77E5



756BFF



B377E5



686773



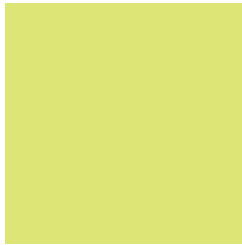
0B00B3



030033

Previews

White Background



This preview shows how the Hex color DEE577 looks on a white background.

Color Contrast Check

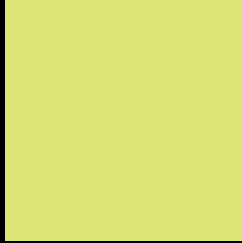
Large Text (above 18pt) WCAG AA × Fail

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 DEE577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

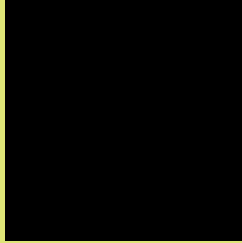
Any Text WCAG AA ✓ Pass

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 DEE577 Background



This preview shows how black text looks on a background with the Hex color DEE577.

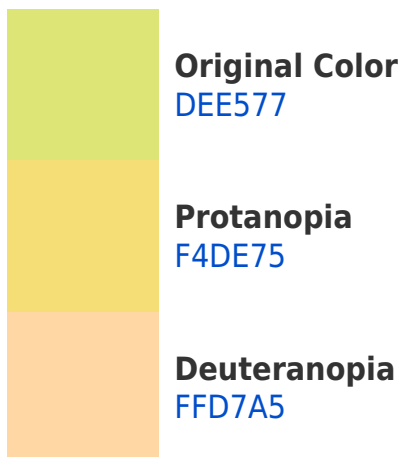


This preview shows how white text looks on a background with the Hex color DEE577.

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](#).

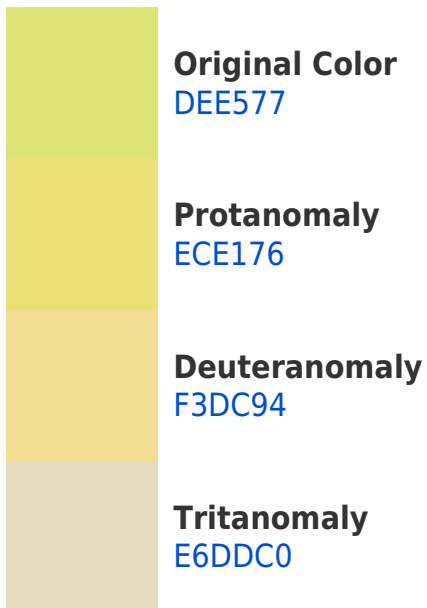
Dichromacy





Tritanopia
EBD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEE577 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 #DEE577 looks like.

```
.text, #text, p{  
    color:#DEE577  
}
```

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 #DEE577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE577  
}
```

Border

The CSS property to change the border of an element to Hex DEE577 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  
#DEE577 }
```

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

```
.border{ border-color:#DEE577 }
```

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

Here you see how a box with a 4 pixel #DEE577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE577; -webkit-box-shadow:4px 4px  
4px 4px #DEE577; box-shadow:4px 4px 4px  
4px #DEE577 }
```

Background

The CSS property to change the background color of an element to Hex DEE577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE577 }
```

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

```
.background{ background-color:#DEE577 }
```

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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