

# Converting Colors

Hex(DDE67E)

Have a look what the booklet for  
Hex(DDE67E) contains.

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# **Color**

**Hex(DDE67E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDE67E
RGB	221, 230, 126
RGB Percent	87%, 90%, 49%
CMY	0.1333, 0.0980, 0.5059
CMYK	0.04, 0.00, 0.45, 0.10
HSL	65°, 68%, 70%
HSV	65°, 45%, 90%
XYZ	61.8815, 73.4721, 30.6587
YIQ	215.4530, 28.0200, -34.2520

# Conversions

## Conversions Part 2

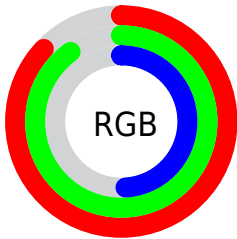
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 230, 135
Decimal	14542462
CIELab	88.67, -17.82, 49.38
CIELCh	89, 52.499, 109.841
Yxy	73.4721, 0.3728, 0.4426
Android (android.graphics.Color)	4292732542 (0xFFDDE67E)
YUV	215.4530, -44.1003, 4.8647
Hunter-Lab	85.7159, -21.1370, 38.7944

# Details

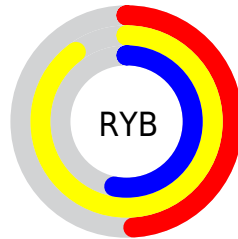
The Hex color **DDE67E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **877EE6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB4**, and **A4AF4A** is the 20% darker color. If you saturate the color by 10%, you get **DBE667**, and if you desaturate by 10%, it is **DFE695**.

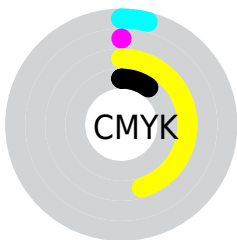
# Distribution



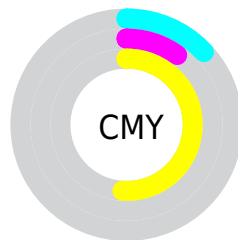
- Red (87%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDE67E 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 DDE67E by changing the saturation by 10% instead.



 DDE67E

FFFFFF

 FFFFB4

 FFFFD1

 FFFFED

 DDE67E

 C0CA64


 A4AF4A


 899430

 6E7A13

 546100

 3B4A00

 213300

 021F00

 000000

 DDE67E

 DDE67E

 DBE667

 DFE695

 D9E650

 E1E6AC

 D7E639

 E3E6C3

 D5E622

 E5E6DA

 D3E60B

 E7E6F1

 D2E600

 E9E6FF

 EBE6FF

 EDE6FF

 EFE6FF

# Harmonies

## Analogous

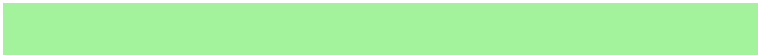
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD67B



DDE67E



A3F29C

# Triad

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



DDE67E



00F4FF



FFB8F2

# Complementary

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



DDE67E



877EE6

# 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.



FFC5FF



DDE67E



6BE9FF

# Square

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



DDE67E



00F9FF



CAD8FF



FFB8BF

# Rectangle

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



DDE67E



76F6BA



CAD8FF



FFBBFF



# Sweetspot

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



DDE67E



FCFFDB



E6877E



7E806A



000000



808080



# Same Dimension

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



DDE67E



F3FF75



A9E67E



727367



A3B300



2F3300



# Inverse Universe

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



877EE6



8175FF



BB7EE6



686773



0F00B3

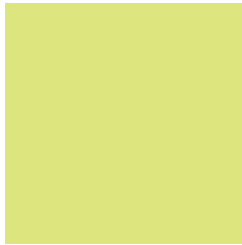


040033



# Previews

## White Background



This preview shows how the Hex color DDE67E looks on a white background.

## Color Contrast Check

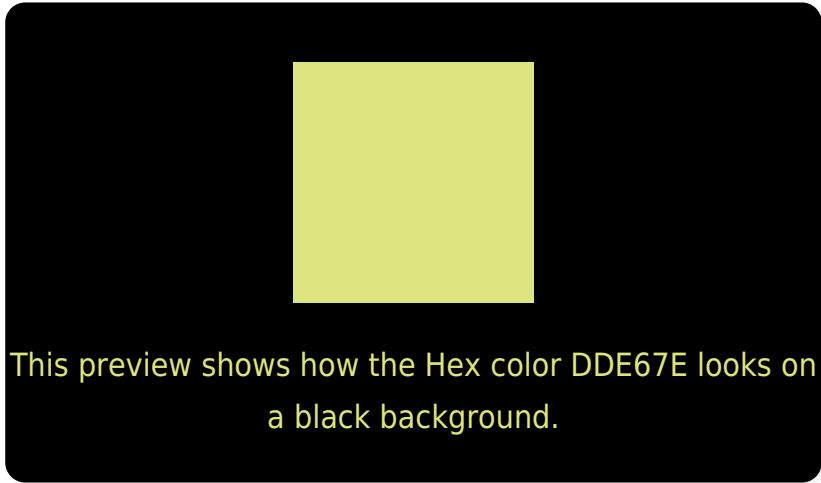
Large Text (above 18pt) WCAG AA × Fail

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 DDE67E Background



This preview shows how black text looks on a background with the Hex color DDE67E.

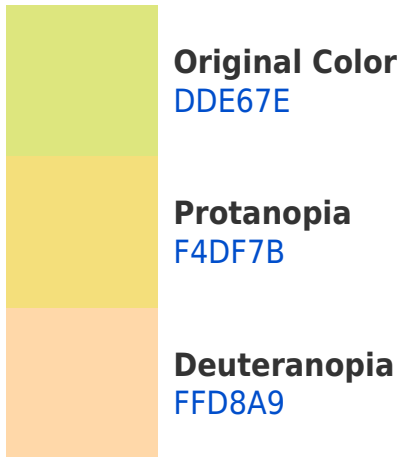


This preview shows how white text looks on a background with the Hex color DDE67E.

# 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](#).

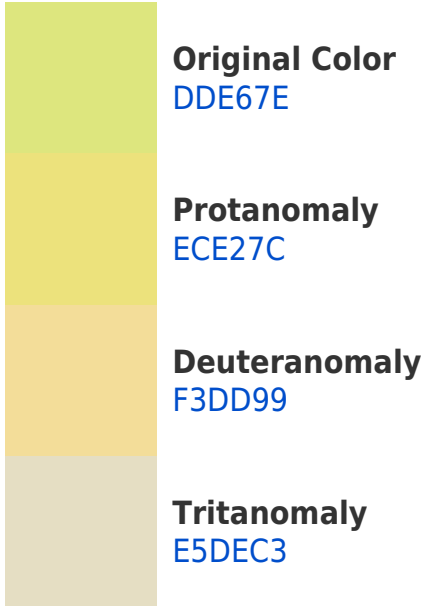
## Dichromacy



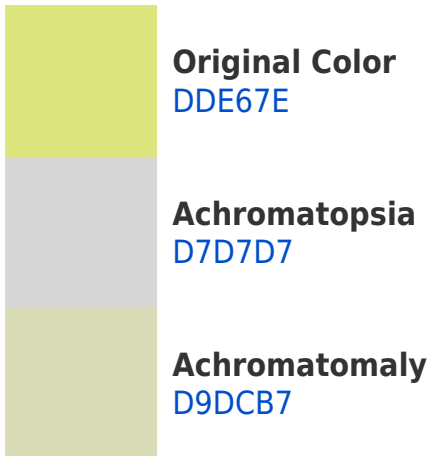


**Tritanopia**  
E9DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDE67E 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 #DDE67E looks like.

```
.text, #text, p{  
    color:#DDE67E  
}
```

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 #DDE67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE67E
}
```

## Border

The CSS property to change the border of an element to Hex DDE67E 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
#DDE67E }
```

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

```
.border{ border-color:#DDE67E }
```

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

Here you see how a box with a 4 pixel #DDE67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE67E; -webkit-box-shadow:4px 4px  
4px 4px #DDE67E; box-shadow:4px 4px 4px  
4px #DDE67E }
```

# Background

The CSS property to change the background color of an element to Hex DDE67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE67E }
```

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

```
.background{ background-color:#DDE67E }
```

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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