

# Converting Colors

Hex(E3DD87)

Have a look what the booklet for  
Hex(E3DD87) contains.

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# **Color**

**Hex(E3DD87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DD87
RGB	227, 221, 135
RGB Percent	89%, 87%, 53%
CMY	0.1098, 0.1333, 0.4706
CMYK	0.00, 0.03, 0.41, 0.11
HSL	56°, 62%, 71%
HSV	56°, 41%, 89%
XYZ	61.9082, 69.7931, 33.1302
YIQ	212.9900, 31.1820, -25.4740

# Conversions

## Conversions Part 2

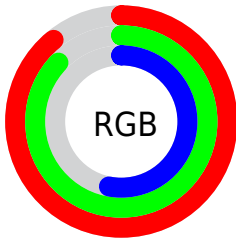
Format	Color
<a href="#">RYB</a>	<a href="#">141, 227, 135</a>
Decimal	<a href="#">14933383</a>
CIELab	<a href="#">86.90, -10.10, 42.89</a>
CIELCh	<a href="#">87, 44.059, 103.248</a>
Yxy	<a href="#">69.7931, 0.3756, 0.4234</a>
Android (android.graphics.Color)	<a href="#">4293123463 (0xFFE3DD87)</a>
YUV	<a href="#">212.9900, -38.4491, 12.2868</a>
Hunter-Lab	<a href="#">83.5422, -13.9232, 34.9671</a>

# Details

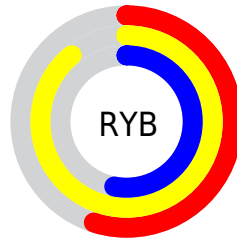
The Hex color **E3DD87** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **878DE3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFBD**, and **AAA653** is the 20% darker color. If you saturate the color by 10%, you get **E3DC70**, and if you desaturate by 10%, it is **E3DE9E**.

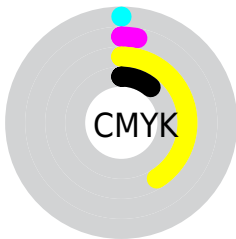
# Distribution



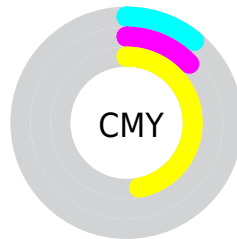
- Red (89%)
- Green (87%)
- Blue (53%)



- Red (55%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3DD87 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 E3DD87 by changing the saturation by 10% instead.



 E3DD87

 E3DD87

FFFFFF

 C6C16D

 FFFFBD

 AAA653

 FFFFDA

 8F8C3A

 FFFFF6

 747221

 5A5A04

 414300

 282D00

 0C1900

 000000

 E3DD87

 E3DD87

 E3DC70

 E3DE9E

 E3DA5A

 E3E0B4

 E3D943

 E3E1CB

 E3D72C

 E3E3E2

 E3D616

 E3E4F9

 E3D400

 E3E6FF

 E3E7FF

 E3E9FF

 E3EAFF

# Harmonies

## Analogous

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



FFCF8A



E3DD87



B4E89B

# Triad

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



E3DD87



35EDFF



FFBCF3

# Complementary

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



E3DD87



878DE3

# 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.



F6C8FF



E3DD87



75E5FF

# Square

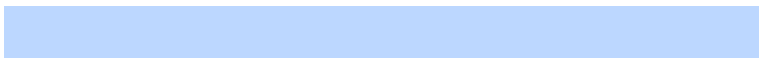
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3DD87



48F0EB



BCD7FF



FFB9C8

# Rectangle

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



E3DD87



92EDB3



BCD7FF



FFBFFF



# Sweetspot

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



E3DD87



FFFDE0



E3878D



807E6E



000000



808080



# Same Dimension

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



E3DD87



FFF782



BBE387



737267



B3A700



333000



# Inverse Universe

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



878DE3



828AFF



AF87E3



676873



000CB3

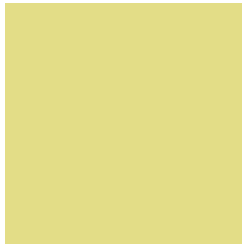


000333



# Previews

## White Background



This preview shows how the Hex color E3DD87 looks on a white background.

## Color Contrast Check

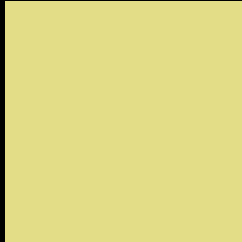
Large Text (above 18pt) WCAG AA × Fail

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 E3DD87 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

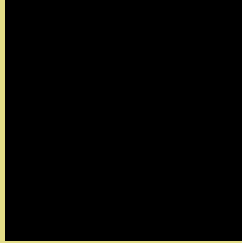
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3DD87 Background



This preview shows how black text looks on a background with the Hex color E3DD87.

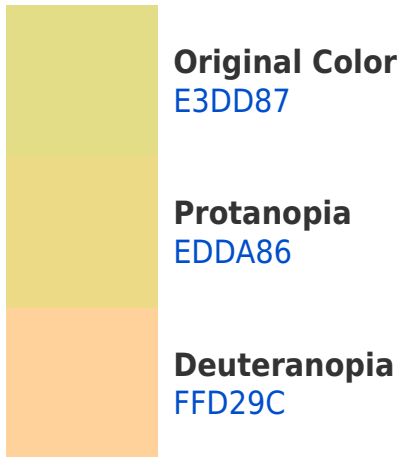


This preview shows how white text looks on a background with the Hex color E3DD87.

# 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



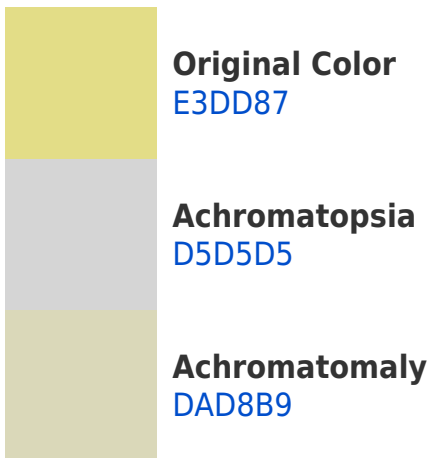


**Tritanopia**  
EDD2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3DD87 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 #E3DD87 looks like.

```
.text, #text, p{  
    color:#E3DD87  
}
```

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 #E3DD87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DD87
}
```

## Border

The CSS property to change the border of an element to Hex E3DD87 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
#E3DD87 }
```

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

```
.border{ border-color:#E3DD87 }
```

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

Here you see how a box with a 4 pixel #E3DD87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DD87; -webkit-box-shadow:4px 4px  
4px 4px #E3DD87; box-shadow:4px 4px 4px  
4px #E3DD87 }
```

# Background

The CSS property to change the background color of an element to Hex E3DD87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DD87 }
```

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

```
.background{ background-color:#E3DD87 }
```

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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