

# Converting Colors

Hex(D3E87F)

Have a look what the booklet for  
Hex(D3E87F) contains.

<b>Hex(D3E87F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D3E87F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E87F
RGB	211, 232, 127
RGB Percent	83%, 91%, 50%
CMY	0.1725, 0.0902, 0.5020
CMYK	0.09, 0.00, 0.45, 0.09
HSL	72°, 70%, 70%
HSV	72°, 45%, 91%
XYZ	59.5513, 73.0944, 31.0486
YIQ	213.7510, 21.1890, -37.1070

# Conversions

## Conversions Part 2

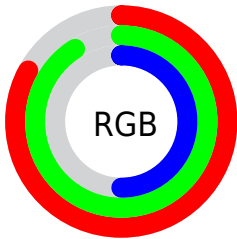
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 232, 148</a>
Decimal	<a href="#">13887615</a>
CIELab	<a href="#">88.49, -22.55, 48.52</a>
CIElCh	<a href="#">88, 53.505, 114.931</a>
Yxy	<a href="#">73.0944, 0.3638, 0.4465</a>
Android (android.graphics.Color)	<a href="#">4292077695 (0xFFD3E87F)</a>
YUV	<a href="#">213.7510, -42.7682, -2.4126</a>
Hunter-Lab	<a href="#">85.4953, -25.2834, 38.3148</a>

# Details

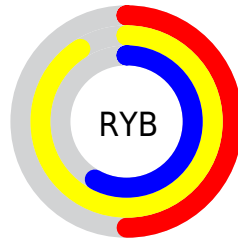
The Hex color **D3E87F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **947FE8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFB5**, and **9BB04B** is the 20% darker color. If you saturate the color by 10%, you get **CEE868**, and if you desaturate by 10%, it is **D8E896**.

# Distribution



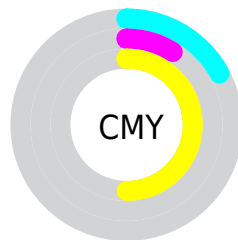
- Red (83%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E87F 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 D3E87F by changing the saturation by 10% instead.



 D3E87F

 D3E87F

FFFFFF

 B7CC65

 FFFFB5

 9BB04B

 FFFFD2

 7F9631

 FFFFEE

 657C15

 4B6300

 324B00

 183400

 002000

 000000

 D3E87F

 D3E87F

 CEE868

 D8E896

 CAE851

 DCE8AD

 C5E839

 E1E8C5

 C0E822

 E6E8DC

 BCE80B

 EAE8F3

 BAE800

 EFE8FF

 F3E8FF

 F8E8FF

 FDE8FF

# Harmonies

## Analogous

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



FFD877



D3E87F



96F3A2

# Triad

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



D3E87F



00F2FF



FFB6E9

# Complementary

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



D3E87F



947FE8

# 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.



FFC1FF



D3E87F



7AE6FF

# Square

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



D3E87F



00F8FF



D6D4FF



FFB8B6

# Rectangle

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



D3E87F



64F7C2



D6D4FF



FFB8FA

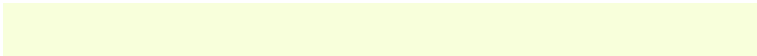


# Sweetspot

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



D3E87F



F8FFDB



E8947F



7B806A



000000



808080



# Same Dimension

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



D3E87F



E3FF75



9EE87F



707367



8FB300



293300



# Inverse Universe

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



947FE8



9175FF



C97FE8



6A6773



2400B3



0A0033



# Previews

## White Background



This preview shows how the Hex color D3E87F 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 D3E87F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

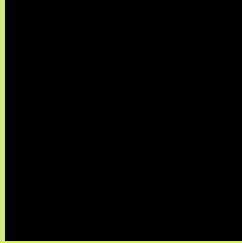
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3E87F Background



This preview shows how black text looks on a background with the Hex color D3E87F.

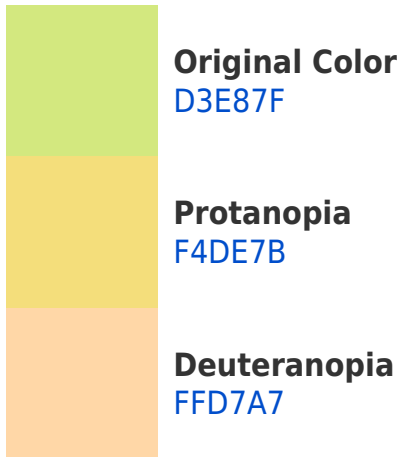


This preview shows how white text looks on a background with the Hex color D3E87F.

# Color Blindness Simulation

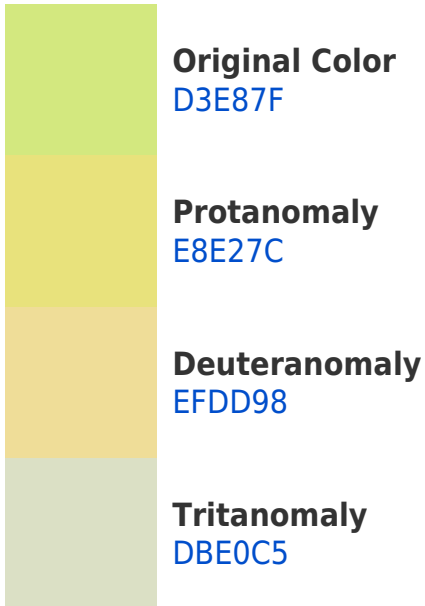
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3E87F 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 #D3E87F looks like.

```
.text, #text, p{  
    color:#D3E87F  
}
```

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 #D3E87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E87F
}
```

## Border

The CSS property to change the border of an element to Hex D3E87F 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
#D3E87F }
```

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

```
.border{ border-color:#D3E87F }
```

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

Here you see how a box with a 4 pixel #D3E87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E87F; -webkit-box-shadow:4px 4px  
4px 4px #D3E87F; box-shadow:4px 4px 4px  
4px #D3E87F }
```

# Background

The CSS property to change the background color of an element to Hex D3E87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E87F }
```

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

```
.background{ background-color:#D3E87F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor