

# Converting Colors

Hex(D0E487)

Have a look what the booklet for  
Hex(D0E487) contains.

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# **Color**

**Hex(D0E487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E487
RGB	208, 228, 135
RGB Percent	82%, 89%, 53%
CMY	0.1843, 0.1059, 0.4706
CMYK	0.09, 0.00, 0.41, 0.11
HSL	73°, 63%, 71%
HSV	73°, 41%, 89%
XYZ	58.1290, 70.6460, 33.4940
YIQ	211.4180, 17.9330, -33.1630

# Conversions

## Conversions Part 2

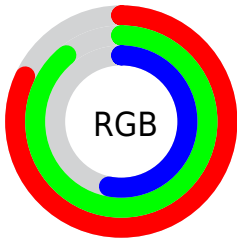
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 228, 155</a>
Decimal	<a href="#">13689991</a>
CIELab	<a href="#">87.31, -20.90, 43.12</a>
CIElCh	<a href="#">87, 47.914, 115.863</a>
Yxy	<a href="#">70.6460, 0.3582, 0.4354</a>
Android (android.graphics.Color)	<a href="#">4291880071 (0xFFD0E487)</a>
YUV	<a href="#">211.4180, -37.6741, -2.9976</a>
Hunter-Lab	<a href="#">84.0512, -23.6406, 35.2090</a>

# Details

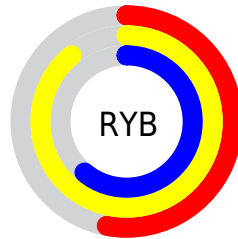
The Hex color **D0E487** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9B87E4**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFBD**, and **98AD53** is the 20% darker color. If you saturate the color by 10%, you get **CBE470**, and if you desaturate by 10%, it is **D5E49E**.

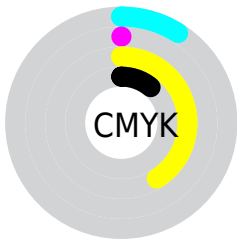
# Distribution



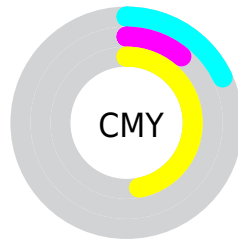
- Red (82%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E487 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 D0E487 by changing the saturation by 10% instead.



 D0E487

 D0E487

FFFFFF

 B4C86D

 FFFFBD

 98AD53

 FFFFDA

 7D923A

 FFFFF7

 637821

 495F03

 314800

 183100

 001E00

 000000

 D0E487

 D0E487

 CBE470

 D5E49E

 C6E459

 DAE4B5

 C1E443

 DFE4CB

 BCE42C

 E4E4E2

 B7E415

 E9E4F9

 B3E400

 EDE4FF

 F2E4FF

 F7E4FF

 FCE4FF

# Harmonies

## Analogous

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



FED67F



D0E487



9AEEA6

# Triad

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



D0E487



25EDFF



FFB7E3

# Complementary

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



D0E487



9B87E4

# 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



D0E487



8BE1FF

# Square

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



D0E487



00F2FF



D7D1FF



FFBAB5

# Rectangle

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



D0E487



71F1C3



D7D1FF



FFB9F2

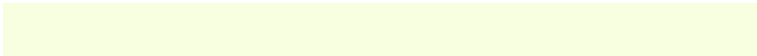


# Sweetspot

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



D0E487



F8FFE0



E49A87



7C806E



000000



808080



# Same Dimension

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



D0E487



E4FF82



A3E487



707367



8CB300



283300



# Inverse Universe

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



9B87E4



9D82FF



C887E4



6A6773



2600B3



0B0033



# Previews

## White Background



This preview shows how the Hex color D0E487 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 D0E487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

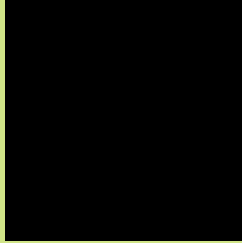
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0E487 Background



This preview shows how black text looks on a background with the Hex color D0E487.

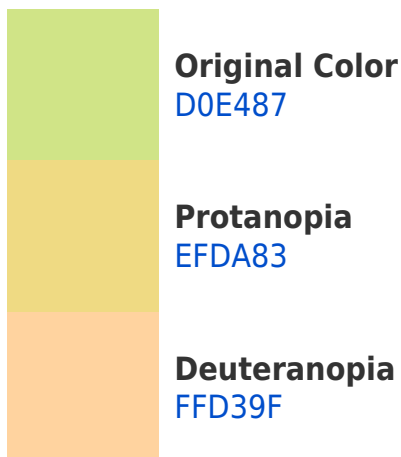


This preview shows how white text looks on a background with the Hex color D0E487.

# 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](#).

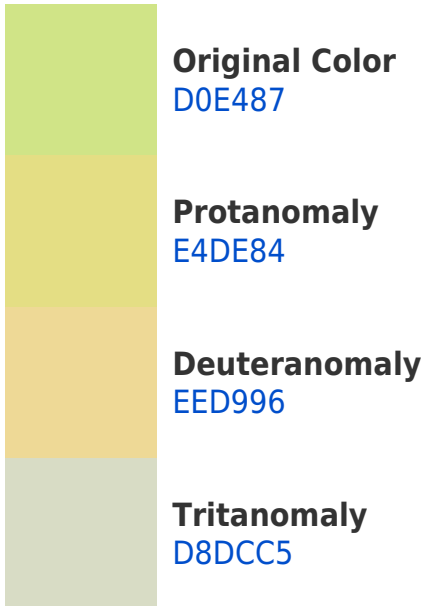
## Dichromacy



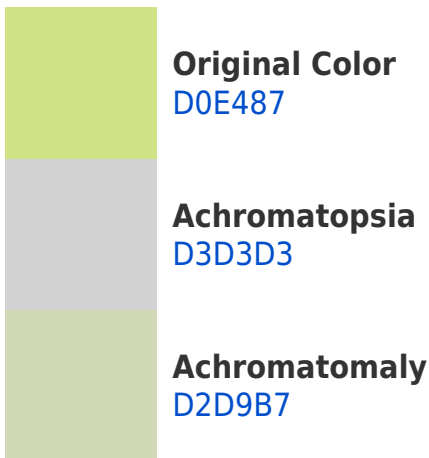


**Tritanopia**  
DCD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E487 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 #D0E487 looks like.

```
.text, #text, p{  
    color:#D0E487  
}
```

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 #D0E487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E487
}
```

## Border

The CSS property to change the border of an element to Hex D0E487 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
#D0E487 }
```

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

```
.border{ border-color:#D0E487 }
```

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

Here you see how a box with a 4 pixel #D0E487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E487; -webkit-box-shadow:4px 4px  
4px 4px #D0E487; box-shadow:4px 4px 4px  
4px #D0E487 }
```

# Background

The CSS property to change the background color of an element to Hex D0E487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E487 }
```

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

```
.background{ background-color:#D0E487 }
```

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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