

# Converting Colors

Hex(D4E37A)

Have a look what the booklet for  
Hex(D4E37A) contains.

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# **Color**

**Hex(D4E37A)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D4E37A                      |
| RGB         | 212, 227, 122               |
| RGB Percent | 83%, 89%, 48%               |
| CMY         | 0.1686, 0.1098, 0.5216      |
| CMYK        | 0.07, 0.00, 0.46, 0.11      |
| HSL         | 69°, 65%, 68%               |
| HSV         | 69°, 46%, 89%               |
| XYZ         | 58.1333, 70.3404, 28.9254   |
| YIQ         | 210.5450, 24.7650, -35.8350 |

# Conversions

## Conversions Part 2

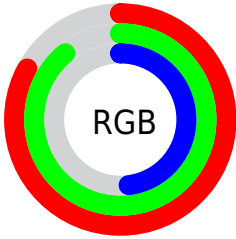
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">122, 227, 137</a>                  |
| Decimal                             | <a href="#">13951866</a>                       |
| CIELab                              | <a href="#">87.16, -20.25, 49.30</a>           |
| CIELCh                              | <a href="#">87, 53.295, 112.328</a>            |
| Yxy                                 | <a href="#">70.3404, 0.3693,<br/>0.4469</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4292141946<br/>(0xFFD4E37A)</a>    |
| YUV                                 | <a href="#">210.5450, -43.6527,<br/>1.2760</a> |
| Hunter-Lab                          | <a href="#">83.8692, -23.0450,<br/>38.2600</a> |

# Details

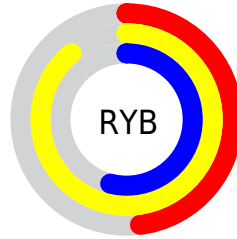
The Hex color **D4E37A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **897AE3**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFB0**, and **9CAC46** is the 20% darker color. If you saturate the color by 10%, you get **D1E363**, and if you desaturate by 10%, it is **D7E391**.

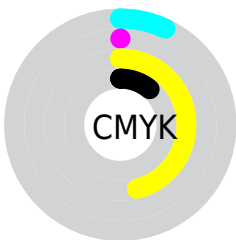
# Distribution



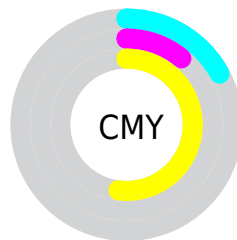
- Red (83%)
- Green (89%)
- Blue (48%)



- Red (48%)
- Yellow (89%)
- Blue (54%)



- Cyan (7%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E37A 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 D4E37A by changing the saturation by 10% instead.



 D4E37A

FFFFFF

 FFFFB0

 FFFFCC

 FFFFE9

 D4E37A

 B7C760

 9CAC46

 80912C

 66770E

 4C5F00

 334700

 193100

 001D00

 000000

 D4E37A

 D4E37A

 D1E363

 D7E391

 CEE34D

 DAE3A7

 CAE336

 DEE3BE

 C7E31F

 E1E3D5

 C4E309

 E4E3EB

 C3E300

 E7E3FF

 EBE3FF

 EEE3FF

 F1E3FF

# Harmonies

## Analogous

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



FFD375



D4E37A



99EE9A

# Triad

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



D4E37A



00EFFF



FFB3EA

# Complementary

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



D4E37A



897AE3

# 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.



FFBFFF



D4E37A



6CE3FF

# Square

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



D4E37A



00F4FF



CBD2FF



FFB3B7

# Rectangle

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



D4E37A



68F3BA



CBD2FF



FFB5FA

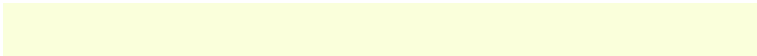


# Sweetspot

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



D4E37A



FAFFDB



E3887A



7C806A



000000



808080



# Same Dimension

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



D4E37A



EBFF70



A1E37A



717367



99B300



2C3300



# Inverse Universe

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



897AE3



8570FF



BD7AE3



696773



1900B3

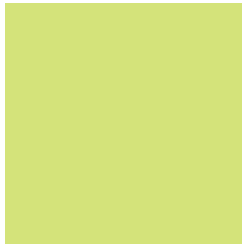


070033



# Previews

## White Background



This preview shows how the Hex color D4E37A 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 D4E37A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

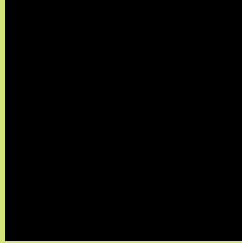
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4E37A Background



This preview shows how black text looks on a background with the Hex color D4E37A.

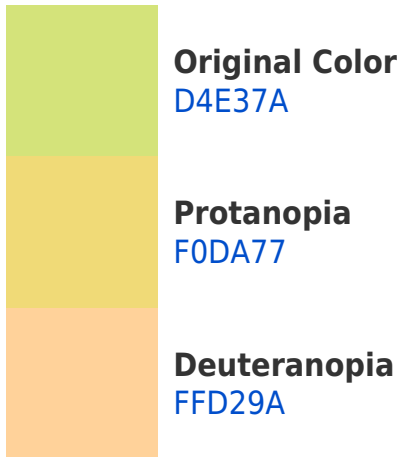


This preview shows how white text looks on a background with the Hex color D4E37A.

# 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](#).

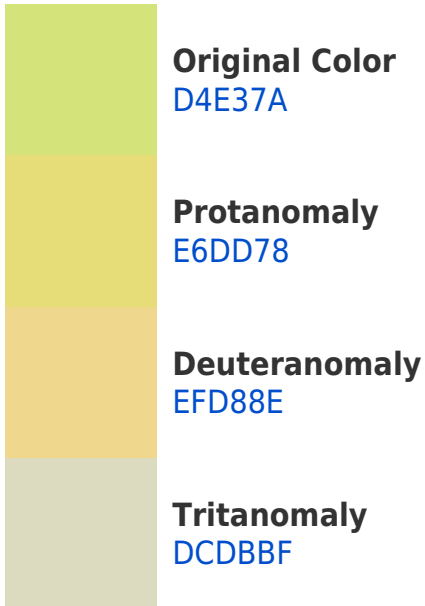
## Dichromacy





**Tritanopia**  
E1D7E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E37A 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 #D4E37A looks like.

```
.text, #text, p{  
    color:#D4E37A  
}
```

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 #D4E37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E37A
}
```

## Border

The CSS property to change the border of an element to Hex D4E37A 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
#D4E37A }
```

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

```
.border{ border-color:#D4E37A }
```

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

Here you see how a box with a 4 pixel #D4E37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E37A; -webkit-box-shadow:4px 4px  
4px 4px #D4E37A; box-shadow:4px 4px 4px  
4px #D4E37A }
```

# Background

The CSS property to change the background color of an element to Hex D4E37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E37A }
```

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

```
.background{ background-color:#D4E37A }
```

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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