

Converting Colors

Hex(DED78)

Have a look what the booklet for
Hex(DED78) contains.

Hex(DED78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DED78)

Conversions

Conversions Part 1

Format	Color
Hex	DEDD78
RGB	222, 221, 120
RGB Percent	87%, 87%, 47%
CMY	0.1294, 0.1333, 0.5294
CMYK	0.00, 0.00, 0.46, 0.13
HSL	59°, 61%, 67%
HSV	59°, 46%, 87%
XYZ	59.3708, 68.5986, 27.8810
YIQ	209.7850, 33.0170, -31.1990

Conversions

Conversions Part 2

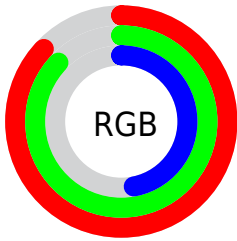
Format	Color
RYB	121, 222, 120
Decimal	14605688
CIELab	86.30, -13.56, 49.39
CIELCh	86, 51.212, 105.349
Yxy	68.5986, 0.3809, 0.4402
Android (android.graphics.Color)	4292795768 (0xFFDEDD78)
YUV	209.7850, -44.2640, 10.7126
Hunter-Lab	82.8243, -16.9885, 38.0183

Details

The Hex color **DEDD78** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7879DE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFAE**, and **A5A644** is the 20% darker color. If you saturate the color by 10%, you get **DEDD62**, and if you desaturate by 10%, it is **DEDD8E**.

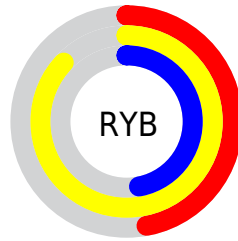
Distribution



Red (87%)

Green (87%)

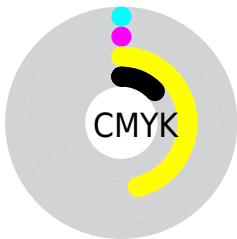
Blue (47%)



Red (47%)

Yellow (87%)

Blue (47%)

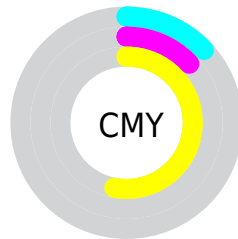


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEDD78 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 DEDD78 by changing the saturation by 10% instead.

 DEDD78

 DEDD78

FFFFFF

 C1C15E

 FFFFAE

 A5A644

 FFFPCA

 898C2A

 FFFFE7

 6E720C

 545A00

 3B4300

 222D00

 001900

 000000

 DEDD78

 DEDD78

 DEDD62

 DEDD8E

 DEDD4C

 DEDDA4

 DEDC35

 DEDEBB

 DEDC1F

 DEDED1

 DEDC09

 DEDEE7

 DEDC00

 DEDEFD

 DEDFFF

Harmonies

Analogous

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



FFCD7A



DEDD78



A7E992

Triad

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



DEDD78



00EEFF



FFB4F2

Complementary

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



DEDD78



7879DE

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.



FCC2FF



DEDD78



57E4FF

Square

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



DEDD78



00F1F0



B8D4FF



FFB2C1

Rectangle

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



DEDD78



7DEEAE



B8D4FF



FFB8FF

Sweetspot

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



DEDD78



FFFFDB



DE787A



807F6A



000000



808080

Same Dimension

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



DEDD78



FFFE73



ADDE78



707065



B0AE00



303000

Inverse Universe

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



7879DE



7374FF



A978DE



656570



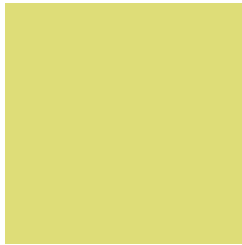
0002B0



000030

Previews

White Background



This preview shows how the Hex color #DEDD78 looks on a white background.

Color Contrast Check

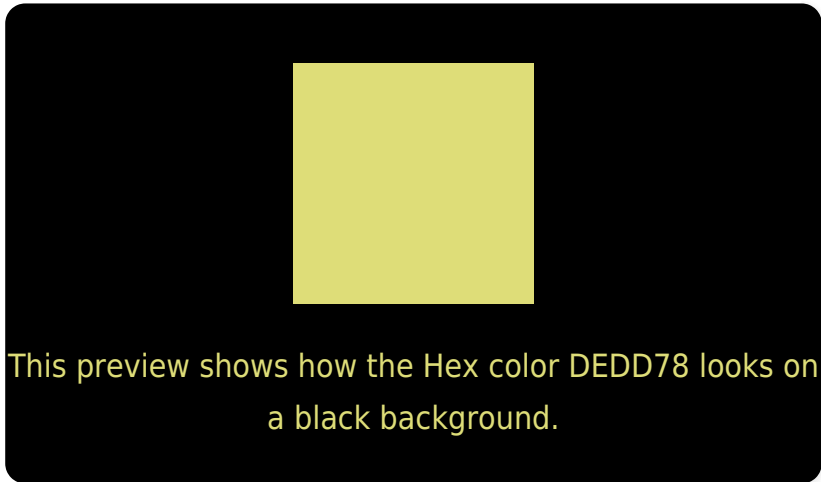
Large Text (above 18pt) WCAG AA × Fail

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

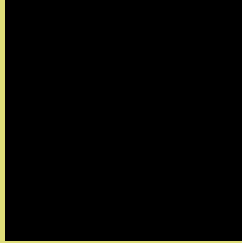
Any Text WCAG AA ✓ Pass

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 DEDD78 Background



This preview shows how black text looks on a background with the Hex color DEDD78.

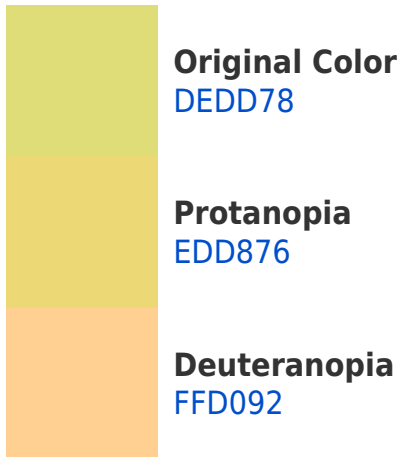


This preview shows how white text looks on a background with the Hex color DEDD78.

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](#).

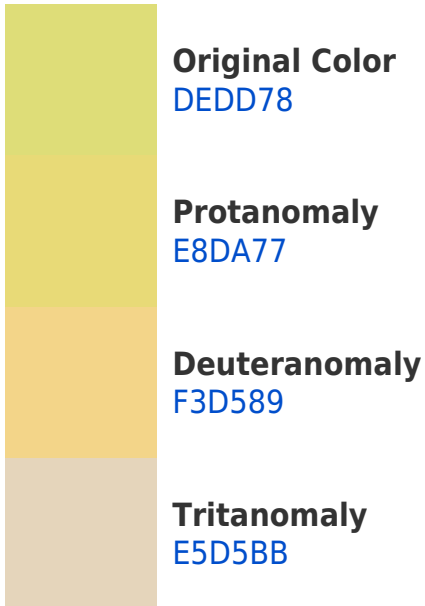
Dichromacy





Tritanopia
E9D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEDD78 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 #DEDD78 looks like.

```
.text, #text, p{  
    color:#DEDD78  
}
```

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 #DEDD78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDD78  
}
```

Border

The CSS property to change the border of an element to Hex DEDD78 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  
#DEDD78 }
```

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

```
.border{ border-color:#DEDD78 }
```

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

Here you see how a box with a 4 pixel #DEDD78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDD78; -webkit-box-shadow:4px 4px  
4px 4px #DEDD78; box-shadow:4px 4px 4px  
4px #DEDD78 }
```

Background

The CSS property to change the background color of an element to Hex DEDD78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDD78 }
```

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

```
.background{ background-color:#DEDD78 }
```

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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