

# Converting Colors

Hex(DED793)

Have a look what the booklet for  
Hex(DED793) contains.

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# **Color**

**Hex(DED793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DED793
RGB	222, 215, 147
RGB Percent	87%, 84%, 58%
CMY	0.1294, 0.1569, 0.4235
CMYK	0.00, 0.03, 0.34, 0.13
HSL	54°, 53%, 72%
HSV	54°, 34%, 87%
XYZ	59.6911, 66.2371, 37.2427
YIQ	209.3410, 26.0000, -19.6640

# Conversions

## Conversions Part 2

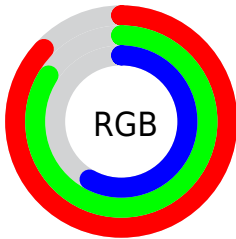
Format	Color
<b>RYB</b>	155, 222, 147
Decimal	14604179
CIELab	85.12, -7.67, 34.47
CIELCh	85, 35.313, 102.543
Yxy	66.2371, 0.3658, 0.4059
Android (android.graphics.Color)	4292794259 (0xFFDED793)
YUV	209.3410, -30.7341, 11.1019
Hunter-Lab	81.3862, -11.5084, 29.8389

# Details

The Hex color **DED793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **939ADE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFCA**, and **A6A05F** is the 20% darker color. If you saturate the color by 10%, you get **DED57D**, and if you desaturate by 10%, it is **DED9A9**.

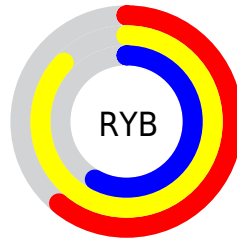
# Distribution



Red (87%)

Green (84%)

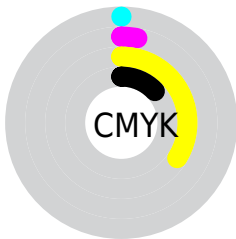
Blue (58%)



Red (61%)

Yellow (87%)

Blue (58%)

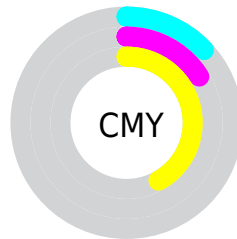


Cyan (0%)

Magenta (3%)

Yellow (34%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DED793 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 DED793 by changing the saturation by 10% instead.



 DED793

 DED793

FFFFFF

 C2BB79

 FFFFC A

 A6A05F

 FFFF E6

 8B8647

 706D2F

 575517

 3E3E00

 272800

 091400

 000000

 DED793

 DED793

 DED57D

 DED9A9

 DED367

 DEDBBF

 DED150

 DEDDD6

 DECF3A

 DEFEC

 DECD24

 DEE1FF

 DECB0E

 DEE3FF

 DEC900

 DEE6FF

 DEE8FF

 DEEAFF

# Harmonies

## Analogous

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



FDCC96



DED793



B9E0A3

# Triad

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



DED793



6CE4FF



FFBEE9

# Complementary

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



DED793



939ADE

# 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.



EBC7FF



DED793



8DDDFE

# Square

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



DED793



71E7E2



BED3FF



FFBCC8

# Rectangle

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



DED793



9FE4B5



BED3FF



FFC1F4



# Sweetspot

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



DED793



FFFDE6



DE939B



807E70



000000



808080

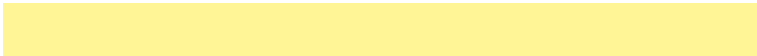


# Same Dimension

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



DED793



FFF596



CODE93



706F65



B0A000



302C00



# Inverse Universe

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



939ADE



96A0FF



B193DE



656670



0010B0



000530



# Previews

## White Background



This preview shows how the Hex color DED793 looks on a white background.

## Color Contrast Check

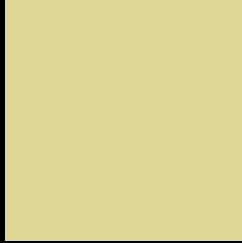
Large Text (above 18pt) WCAG AA × Fail

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 DED793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

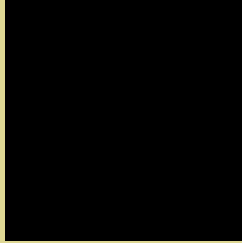
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DED793 Background



This preview shows how black text looks on a background with the Hex color DED793.

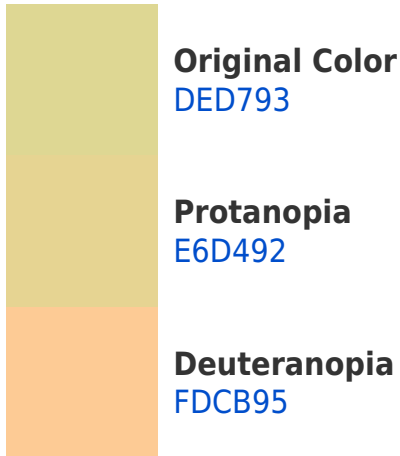


This preview shows how white text looks on a background with the Hex color DED793.

# 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](#).

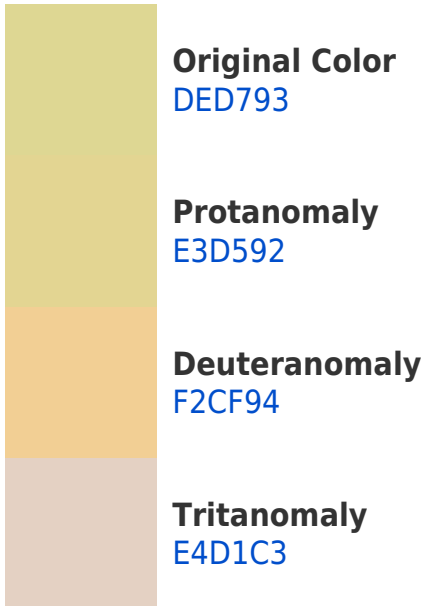
## Dichromacy





**Tritanopia**  
E7CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DED793 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 #DED793 looks like.

```
.text, #text, p{  
    color:#DED793  
}
```

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 #DED793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED793
}
```

## Border

The CSS property to change the border of an element to Hex DED793 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
#DED793 }
```

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

```
.border{ border-color:#DED793 }
```

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

Here you see how a box with a 4 pixel #DED793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED793; -webkit-box-shadow:4px 4px  
4px 4px #DED793; box-shadow:4px 4px 4px  
4px #DED793 }
```

# Background

The CSS property to change the background color of an element to Hex DED793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED793 }
```

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

```
.background{ background-color:#DED793 }
```

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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