

Converting Colors

Hex(DEDA5D)

Have a look what the booklet for
Hex(DEDA5D) contains.

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Color

Hex(DED A5D)

Conversions

Conversions Part 1

Format	Color
Hex	DEDA5D
RGB	222, 218, 93
RGB Percent	87%, 85%, 36%
CMY	0.1294, 0.1451, 0.6353
CMYK	0.00, 0.02, 0.58, 0.13
HSL	58°, 66%, 62%
HSV	58°, 58%, 87%
XYZ	57.1714, 66.4627, 20.1713
YIQ	204.9460, 42.5090, -38.0270

Conversions

Conversions Part 2

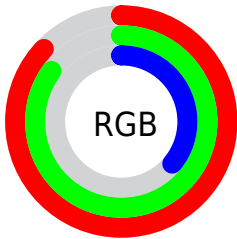
Format	Color
RYB	97, 222, 93
Decimal	14604893
CIELab	85.23, -14.28, 60.52
CIELCh	85, 62.185, 103.271
Yxy	66.4627, 0.3976, 0.4622
Android (android.graphics.Color)	4292794973 (0xFFDEDA5D)
YUV	204.9460, -55.1894, 14.9564
Hunter-Lab	81.5247, -17.4902, 42.3974

Details

The Hex color **DEDA5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5D61DE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF93**, and **A4A325** is the 20% darker color. If you saturate the color by 10%, you get **DED947**, and if you desaturate by 10%, it is **DEDB73**.

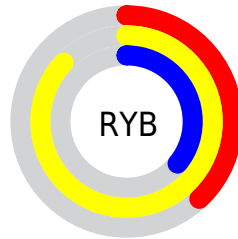
Distribution



Red (87%)

Green (85%)

Blue (36%)



Red (38%)

Yellow (87%)

Blue (36%)

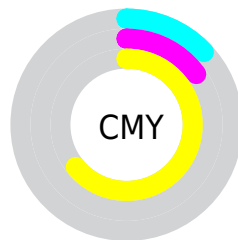


Cyan (0%)

Magenta (2%)

Yellow (58%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEDA5D 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 DEDA5D by changing the saturation by 10% instead.

 DEDA5D

 DEDA5D

FFFFFF

 C1BE42

 FFFF93

 A4A325

 FFFF93

 888900

 FFFFCC

 6C7000

 FFFF93

 525800

 374100

 1E2B00

 001800

 000000

 DEDA5D

 DEDA5D

 DED947

 DEDB73

 DED931

 DEDB89

 DED81A

 DEDCA0

 DED704

 DEDDB6

 DED700

 DEDDCC

 DEDEE2

 DEFFF8

 DEE0FF

Harmonies

Analogous

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



FFC662



DEDA5D



9DE87C

Triad

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



DEDA5D



00EFFF



FFA7F8

Complementary

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



DEDA5D



5D61DE

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.



FBBBFF



DEDA5D



00E4FF

Square

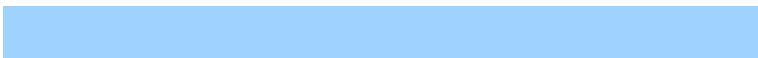
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEDA5D



00F3EE



A0D2FF



FFA3BD

Rectangle

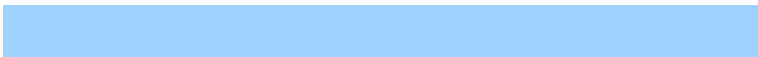
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEDA5D



63EE9E



A0D2FF



FFADFF

Sweetspot

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



DEDA5D



FFFED4



DE5D61



807F66



000000



808080

Same Dimension

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



DEDA5D



FFF94D



A2DE5D



707065



B0AA00



302F00

Inverse Universe

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



5D61DE



4D52FF



995DDE



656570



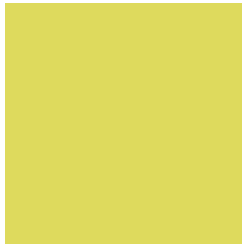
0005B0



000230

Previews

White Background



This preview shows how the Hex color DEDA5D looks on a white background.

Color Contrast Check

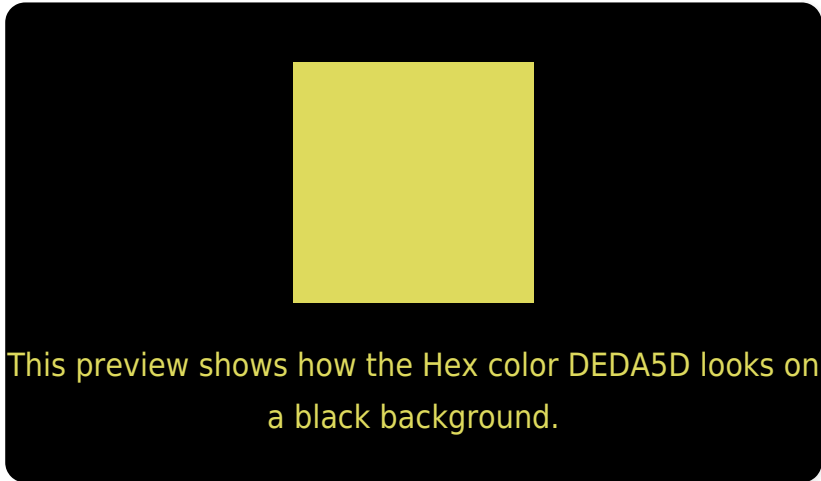
Large Text (above 18pt) WCAG AA × Fail

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 DEDA5D Background



This preview shows how black text looks on a background with the Hex color DEDA5D.

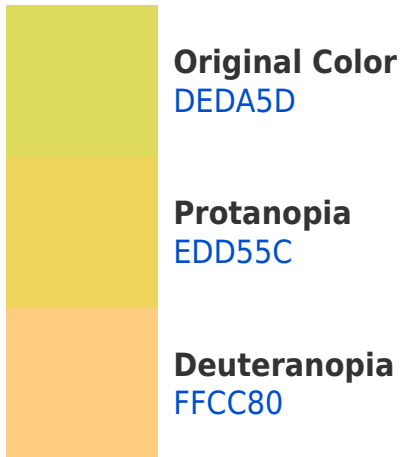


This preview shows how white text looks on a background with the Hex color DEDA5D.

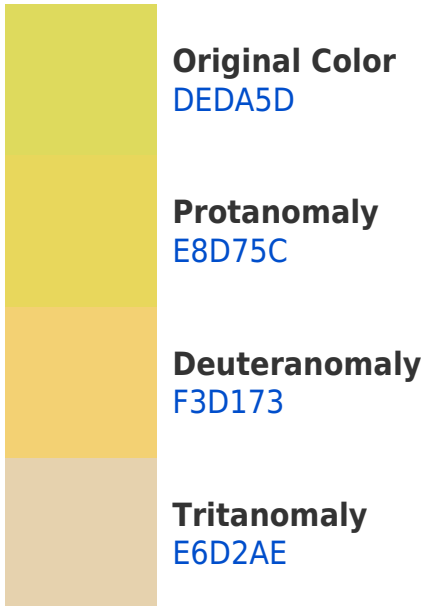
Color Blindness Simulation

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](#).

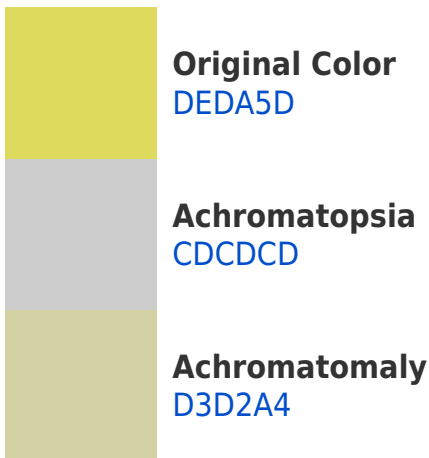
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEDA5D 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 #DEDA5D looks like.

```
.text, #text, p{  
    color:#DEDA5D  
}
```

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 #DEDA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDA5D
}
```

Border

The CSS property to change the border of an element to Hex DEDA5D 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
#DEDA5D }
```

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

```
.border{ border-color:#DEDA5D }
```

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

Here you see how a box with a 4 pixel #DEDA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDA5D; -webkit-box-shadow:4px 4px  
4px 4px #DEDA5D; box-shadow:4px 4px 4px  
4px #DEDA5D }
```

Background

The CSS property to change the background color of an element to Hex DEDA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDA5D }
```

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

```
.background{ background-color:#DEDA5D }
```

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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