

Converting Colors

Hex(DED278)

Have a look what the booklet for
Hex(DED278) contains.

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Color

Hex(DED278)

Conversions

Conversions Part 1

Format	Color
Hex	DED278
RGB	222, 210, 120
RGB Percent	87%, 82%, 47%
CMY	0.1294, 0.1765, 0.5294
CMYK	0.00, 0.05, 0.46, 0.13
HSL	53°, 61%, 67%
HSV	53°, 46%, 87%
XYZ	56.5610, 62.9788, 26.9444
YIQ	203.3280, 36.0420, -25.4460

Conversions

Conversions Part 2

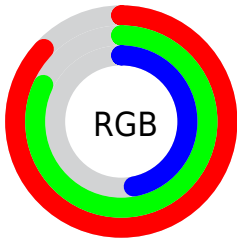
Format	Color
RYB	134, 222, 120
Decimal	14602872
CIELab	83.43, -8.02, 45.87
CIELCh	83, 46.565, 99.920
Yxy	62.9788, 0.3861, 0.4299
Android (android.graphics.Color)	4292792952 (0xFFDED278)
YUV	203.3280, -41.0807, 16.3753
Hunter-Lab	79.3592, -11.6580, 35.4211

Details

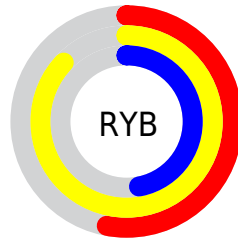
The Hex color **DED278** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7884DE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFAE**, and **A59C45** is the 20% darker color. If you saturate the color by 10%, you get **DECF62**, and if you desaturate by 10%, it is **DED58E**.

Distribution



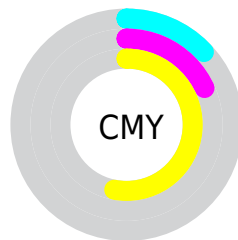
- Red (87%)
- Green (82%)
- Blue (47%)



- Red (53%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color DED278 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 DED278 by changing the saturation by 10% instead.

 DED278

FFFFFF

 FFFFAE

 FFFFCA

 FFFFEE

 DED278

 C1B65E

 A59C45

 89822B

 6F6910

 545100

 3B3A00

 222500

 001100

 000000

 DED278

 DED278

 DECF62

 DED58E

 DECD4C

 DED7A4

 DECA35

 DEDABB

 DEC81F

 DEDCD1

 DEC509

 DEDFE7

 DEC400

 DEE2FD

 DEE4FF

 DEE7FF

 DEEAFF

Harmonies

Analogous

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



FFC37E



DED278



AEDE8B

Triad

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



DED278



00E5FF



FFB1EF

Complementary

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



DED278



7884DE

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.



E8BFFF



DED278



53DDFF

Square

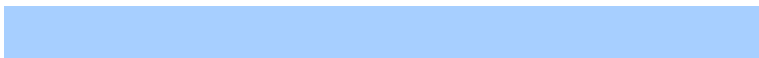
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DED278



28E7DD



A7CFFF



FFADC3

Rectangle

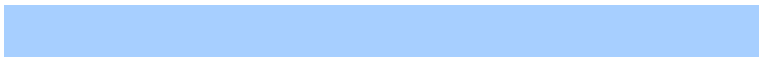
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DED278



8AE3A2



A7CFFF



FFB5FD

Sweetspot

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



DED278



FFFBDB



DE7886



807D6A



000000



808080

Same Dimension

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



DED278



FFEE73



B9DE78



706F65



B09B00



302B00

Inverse Universe

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



7884DE



7383FF



9D78DE



656670



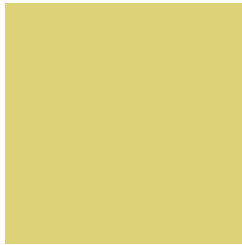
0015B0



000630

Previews

White Background



This preview shows how the Hex color DED278 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 DED278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

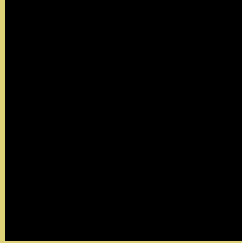
Any Text WCAG AA ✓ Pass

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 DED278 Background



This preview shows how black text looks on a background with the Hex color DED278.

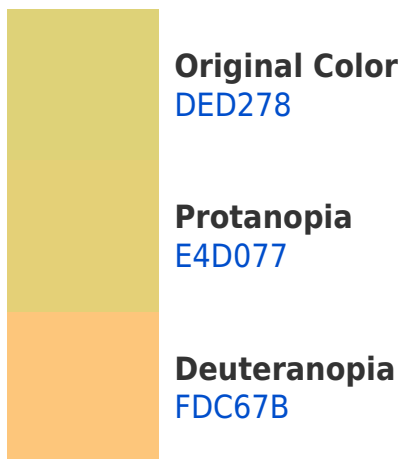


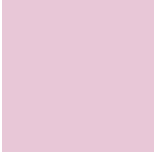
This preview shows how white text looks on a background with the Hex color DED278.

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](#).

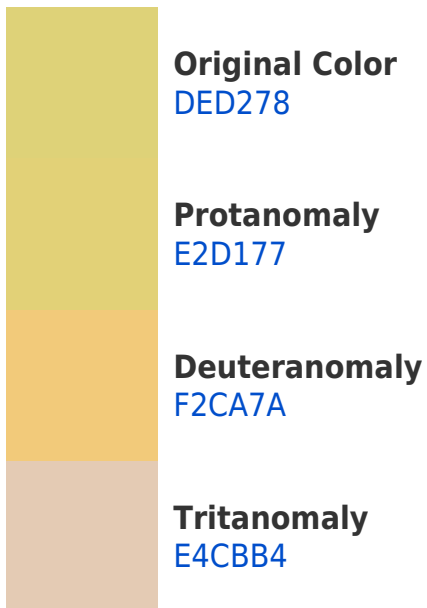
Dichromacy





Tritanopia
E8C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DED278 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 #DED278 looks like.

```
.text, #text, p{  
    color:#DED278  
}
```

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 #DED278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED278
}
```

Border

The CSS property to change the border of an element to Hex DED278 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
#DED278 }
```

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

```
.border{ border-color:#DED278 }
```

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

Here you see how a box with a 4 pixel #DED278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED278; -webkit-box-shadow:4px 4px  
4px 4px #DED278; box-shadow:4px 4px 4px  
4px #DED278 }
```

Background

The CSS property to change the background color of an element to Hex DED278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED278 }
```

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

```
.background{ background-color:#DED278 }
```

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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