

Converting Colors

Hex(DED176)

Have a look what the booklet for
Hex(DED176) contains.

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Color

Hex(DED176)

Conversions

Conversions Part 1

Format	Color
Hex	DED176
RGB	222, 209, 118
RGB Percent	87%, 82%, 46%
CMY	0.1294, 0.1804, 0.5373
CMYK	0.00, 0.06, 0.47, 0.13
HSL	52°, 61%, 67%
HSV	52°, 47%, 87%
XYZ	56.1947, 62.4385, 26.2296
YIQ	202.5130, 36.9590, -25.5450

Conversions

Conversions Part 2

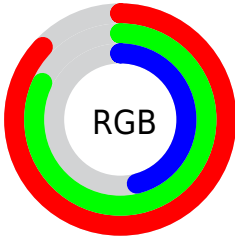
Format	Color
RYB	133, 222, 118
Decimal	14602614
CIELab	83.15, -7.70, 46.50
CIElCh	83, 47.131, 99.405
Yxy	62.4385, 0.3879, 0.4310
Android (android.graphics.Color)	4292792694 (0xFFDED176)
YUV	202.5130, -41.6649, 17.0901
Hunter-Lab	79.0181, -11.3391, 35.6317

Details

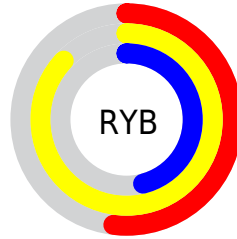
The Hex color **DED176** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7683DE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFAC**, and **A59B43** is the 20% darker color. If you saturate the color by 10%, you get **DECE60**, and if you desaturate by 10%, it is **DED48C**.

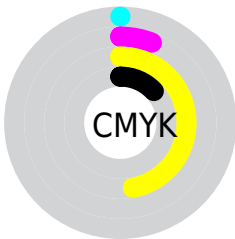
Distribution



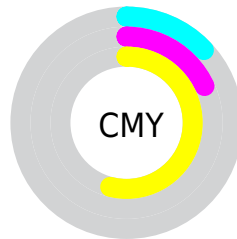
- Red (87%)
- Green (82%)
- Blue (46%)



- Red (52%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (6%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color DED176 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 DED176 by changing the saturation by 10% instead.

 DED176

 DED176

FFFFFF

 C1B65C

 FFFFAC

 A59B43

 FFFFC8

 898129

 FFFFE4

 6E680D

 545000

 3B3900

 222400

 001000

 000000

 DED176

 DED176

 DECE60

 DED48C

 DECB4A

 DED7A2

 DEC933

 DED9B9

 DEC61D

 DEDCCF

 DEC307

 DEDFE5

 DEC200

 DEE2FB

 DEE4FF

 DEE7FF

 DEEAFF

Harmonies

Analogous

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



FFC27C



DED176



AEDD89

Triad

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



DED176



00E4FF



FFB0EF

Complementary

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



DED176



7683DE

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.



E6BEFF



DED176



4CDCFF

Square

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



DED176



20E7DC



A4CFFF



FFACC3

Rectangle

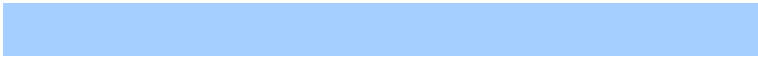
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DED176



89E2A0



A4CFFF



FFB4FD

Sweetspot

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



DED176



FFFBDB



DE7684



807D6A



000000



808080

Same Dimension

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



DED176



FFED70



B8DE76



706F65



B09A00



302A00

Inverse Universe

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



7683DE



7082FF



9C76DE



656670



0016B0



000630

Previews

White Background



This preview shows how the Hex color DED176 looks on a white background.

Color Contrast Check

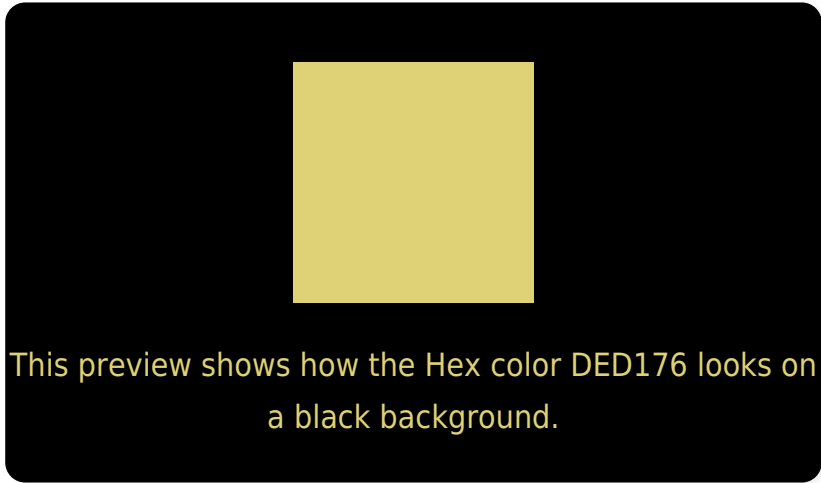
Large Text (above 18pt) WCAG AA × Fail

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

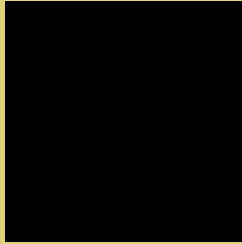
Any Text WCAG AA ✓ Pass

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 DED176 Background



This preview shows how black text looks on a background with the Hex color DED176.

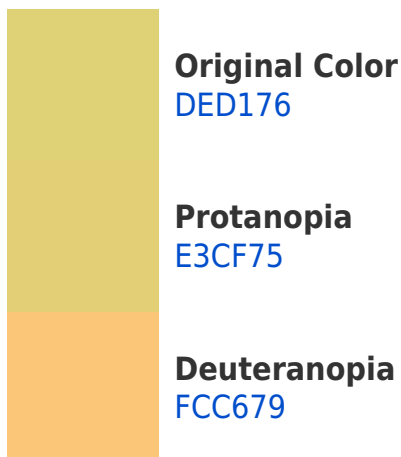


This preview shows how white text looks on a background with the Hex color DED176.

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
E8C6D5

Trichromacy



Original Color
DED176

Protanomaly
E1D075

Deuteranomaly
F1CA78

Tritanomaly
E4CAB2

Monochromacy



Original Color
DED176

Achromatopsia
CBCBCB

Achromatomaly
D2CDAC

CSS Examples

Text

The CSS property to change the color of the text to Hex DED176 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 #DED176 looks like.

```
.text, #text, p{  
    color:#DED176  
}
```

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 #DED176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED176
}
```

Border

The CSS property to change the border of an element to Hex DED176 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
#DED176 }
```

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

```
.border{ border-color:#DED176 }
```

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

Here you see how a box with a 4 pixel #DED176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED176; -webkit-box-shadow:4px 4px  
4px 4px #DED176; box-shadow:4px 4px 4px  
4px #DED176 }
```

Background

The CSS property to change the background color of an element to Hex DED176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED176 }
```

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

```
.background{ background-color:#DED176 }
```

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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