

Converting Colors

Hex(CDE276)

Have a look what the booklet for
Hex(CDE276) contains.

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Color

Hex(CDE276)

Conversions

Conversions Part 1

Format	Color
Hex	CDE276
RGB	205, 226, 118
RGB Percent	80%, 89%, 46%
CMY	0.1961, 0.1137, 0.5373
CMYK	0.09, 0.00, 0.48, 0.11
HSL	72°, 65%, 67%
HSV	72°, 48%, 89%
XYZ	55.6432, 68.6799, 27.4634
YIQ	207.4090, 22.1520, -38.0400

Conversions

Conversions Part 2

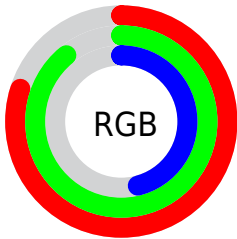
Format	Color
RYB	118, 226, 139
Decimal	13492854
CIELab	86.35, -22.87, 50.09
CIELCh	86, 55.065, 114.539
Yxy	68.6799, 0.3666, 0.4525
Android (android.graphics.Color)	4291682934 (0xFFCDE276)
YUV	207.4090, -44.0786, -2.1127
Hunter-Lab	82.8733, -25.1789, 38.3632

Details

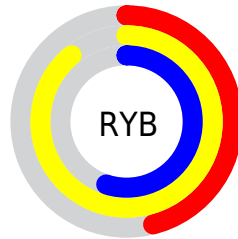
The Hex color **CDE276** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8B76E2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFAC**, and **95AB42** is the 20% darker color. If you saturate the color by 10%, you get **C9E25F**, and if you desaturate by 10%, it is **D1E28D**.

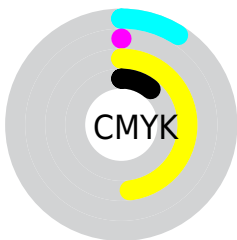
Distribution



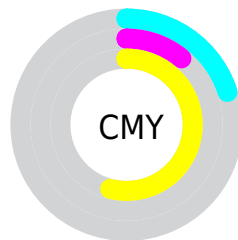
- Red (80%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE276 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 CDE276 by changing the saturation by 10% instead.

 CDE276

FFFFFF

 FFFFAC

 FFFFC8

 FFFFE5

 CDE276

 B1C65C


 95AB42

 7A9027

 5F7606

 455E00

 2C4600

 113000

 001D00

 000000

 CDE276

 CDE276

 C9E25F

 D1E28D

 C4E249

 D6E2A3

 C0E232

 DAE2BA

 BBE21C

 DFE2D0

 B7E205

 E3E2E7

 B6E200

 E7E2FE

 ECE2FF

 F0E2FF

 F5E2FF

Harmonies

Analogous

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



FFD26E



CDE276



8FED99

Triad

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



CDE276



00EDFF



FFAEE4

Complementary

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



CDE276



8B76E2

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.



FFBAFF



CDE276



6BE0FF

Square

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



CDE276



00F3FF



CECEFF



FFB0AF

Rectangle

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



CDE276



58F1BA



CECEFF



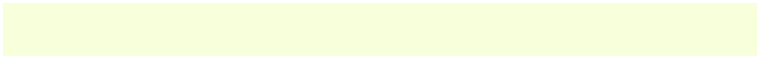
FFB1F5

Sweetspot

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



CDE276



F8FFDB



E28A76



7B806A



000000



808080

Same Dimension

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



CDE276



E3FF6E



98E276



6E7065



8EB000



273000

Inverse Universe

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



8B76E2



8A6EFF



C076E2



676570



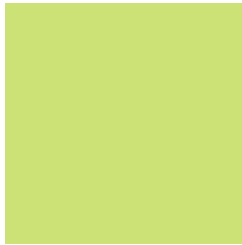
2200B0



090030

Previews

White Background



This preview shows how the Hex color CDE276 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 CDE276 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 CDE276 Background



This preview shows how black text looks on a background with the Hex color CDE276.

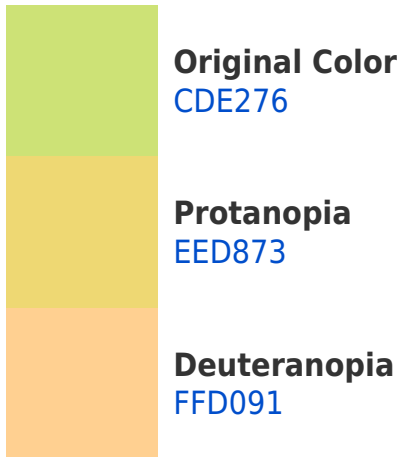


This preview shows how white text looks on a background with the Hex color CDE276.

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](#).

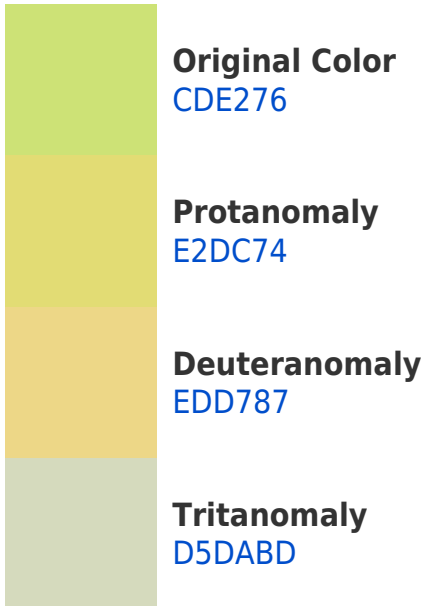
Dichromacy



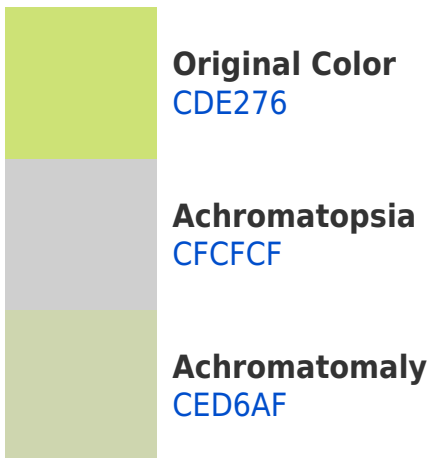


Tritanopia
DAD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE276 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 #CDE276 looks like.

```
.text, #text, p{  
    color:#CDE276  
}
```

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 #CDE276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE276
}
```

Border

The CSS property to change the border of an element to Hex CDE276 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
#CDE276 }
```

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

```
.border{ border-color:#CDE276 }
```

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

Here you see how a box with a 4 pixel #CDE276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE276; -webkit-box-shadow:4px 4px  
4px 4px #CDE276; box-shadow:4px 4px 4px  
4px #CDE276 }
```

Background

The CSS property to change the background color of an element to Hex CDE276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE276 }
```

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

```
.background{ background-color:#CDE276 }
```

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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