

Converting Colors

Hex(E0F276)

Have a look what the booklet for
Hex(E0F276) contains.

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Color

Hex(E0F276)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0F276 |
| RGB | 224, 242, 118 |
| RGB Percent | 88%, 95%, 46% |
| CMY | 0.1216, 0.0510, 0.5373 |
| CMYK | 0.07, 0.00, 0.51, 0.05 |
| HSL | 69°, 83%, 71% |
| HSV | 69°, 51%, 95% |
| XYZ | 65.7626, 80.6596, 29.2423 |
| YIQ | 222.4820, 29.0760, -42.3800 |

Conversions

Conversions Part 2

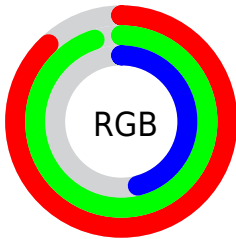
| Format | Color |
|-------------------------------------|--|
| RYB | 118, 242, 136 |
| Decimal | 14742134 |
| CIELab | 91.98, -23.20, 57.14 |
| CIElCh | 92, 61.666, 112.099 |
| Yxy | 80.6596, 0.3744, 0.4592 |
| Android (android.graphics.Color) | 4292932214 (0xFFE0F276) |
| YUV | 222.4820, -51.5096, 1.3313 |
| Hunter-Lab | 89.8107, -26.4645, 43.5627 |

Details

The Hex color **E0F276** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8876F2**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAD**, and **A7BA40** is the 20% darker color. If you saturate the color by 10%, you get **DCF25E**, and if you desaturate by 10%, it is **E4F28E**.

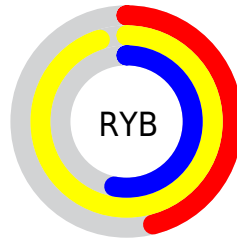
Distribution



Red (88%)

Green (95%)

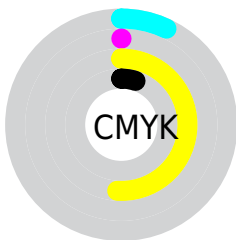
Blue (46%)



Red (46%)

Yellow (95%)

Blue (53%)

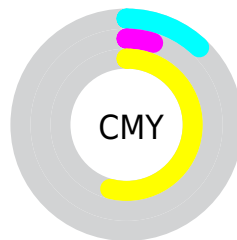


Cyan (7%)

Magenta (0%)

Yellow (51%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0F276 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 E0F276 by changing the saturation by 10% instead.

 E0F276

 E0F276

FFFFFF

 C3D65B

 FFFFAD

 A7BA40

 FFFFC9

 8B9F24

 FFFF E6

 6F8500

 556C00

 3B5300

 203C00

 032600

 000D00

 E0F276

 E0F276

 DCF25E

 E4F28E

 D9F246

 E7F2A6

 D5F22D

 EBF2BF

 D2F215

 EEF2D7

 CFF200

 F2F2EF

 F5F2FF

 F9F2FF

 FCF2FF

 FFF2FF

Harmonies

Analogous

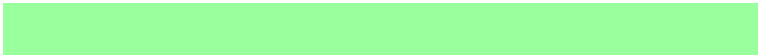
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF70



E0F276



9AFF9D

Triad

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



E0F276



00FFFF



FFB8FA

Complementary

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



E0F276



8876F2

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.



FFC8FF



E0F276



53F3FF

Square

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



E0F276



00FFFF



D4DFFF



FFB9BF

Rectangle

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



E0F276



59FFC2



D4DFFF



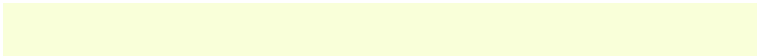
FFBCFF

Sweetspot

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



E0F276



F9FFD9



F28776



7C8069



000000



808080

Same Dimension

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



E0F276



E8FF63



A3F276



76786C



9DB800



303800

Inverse Universe

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



8876F2



7A63FF



C576F2



6E6C78



1B00B8



080038

Previews

White Background



This preview shows how the Hex color E0F276 looks on a white background.

Color Contrast Check

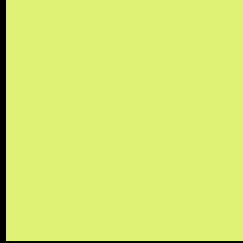
Large Text (above 18pt) WCAG AA × Fail

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 E0F276 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 E0F276 Background



This preview shows how black text looks on a background with the Hex color E0F276.

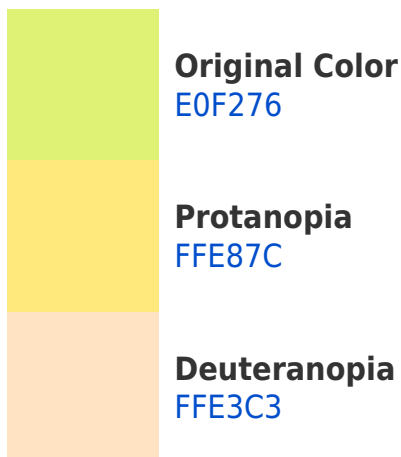


This preview shows how white text looks on a background with the Hex color E0F276.

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



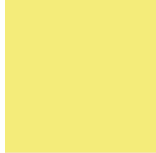


Tritanopia
EEE4F6

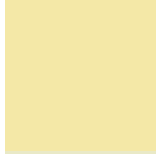
Trichromacy



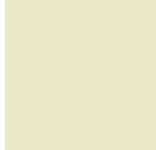
Original Color
E0F276



Protanomaly
F4EC7A



Deuteranomaly
F4E8A7

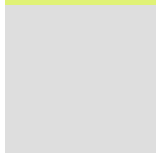


Tritanomaly
E9E9C7

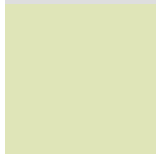
Monochromacy



Original Color
E0F276



Achromatopsia
DEDEDE



Achromatomaly
DFE5B8

CSS Examples

Text

The CSS property to change the color of the text to Hex E0F276 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 #E0F276 looks like.

```
.text, #text, p{  
    color:#E0F276  
}
```

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 #E0F276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0F276
}
```

Border

The CSS property to change the border of an element to Hex E0F276 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
#E0F276 }
```

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

```
.border{ border-color:#E0F276 }
```

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

Here you see how a box with a 4 pixel #E0F276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0F276; -webkit-box-shadow:4px 4px  
4px 4px #E0F276; box-shadow:4px 4px 4px  
4px #E0F276 }
```

Background

The CSS property to change the background color of an element to Hex E0F276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0F276 }
```

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

```
.background{ background-color:#E0F276 }
```

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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