

Converting Colors

Hex(E0FD6D)

Have a look what the booklet for
Hex(E0FD6D) contains.

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Color

Hex(E0FD6D)

Conversions

Conversions Part 1

Format	Color
Hex	E0FD6D
RGB	224, 253, 109
RGB Percent	88%, 99%, 43%
CMY	0.1216, 0.0078, 0.5725
CMYK	0.11, 0.00, 0.57, 0.01
HSL	72°, 97%, 71%
HSV	72°, 57%, 99%
XYZ	68.6261, 87.2020, 27.6827
YIQ	227.9130, 28.9400, -50.9320

Conversions

Conversions Part 2

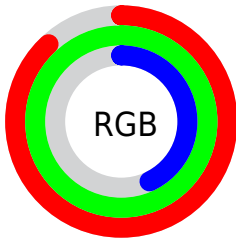
Format	Color
R _Y B	109, 253, 138
Decimal	14744941
CIE Lab	94.82, -29.13, 64.37
CIE LCh	95, 70.659, 114.347
Yxy	87.2020, 0.3740, 0.4752
Android (android.graphics.Color)	4292935021 (0xFFE0FD6D)
YUV	227.9130, -58.6241, -3.4317
Hunter-Lab	93.3820, -32.2395, 47.7911

Details

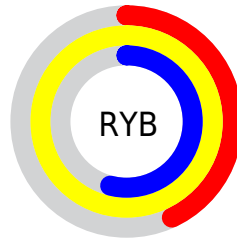
The Hex color **E0FD6D** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8A6DFD**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFA5**, and **A6C435** is the 20% darker color. If you saturate the color by 10%, you get **DBFD54**, and if you desaturate by 10%, it is **E5FD86**.

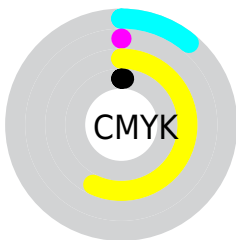
Distribution



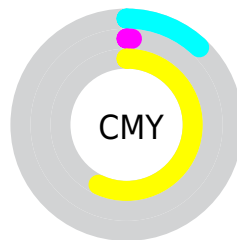
- Red (88%)
- Green (99%)
- Blue (43%)



- Red (43%)
- Yellow (99%)
- Blue (54%)



- Cyan (11%)
- Magenta (0%)
- Yellow (57%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0FD6D 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 E0FD6D by changing the saturation by 10% instead.

 E0FD6D

 E0FD6D

FFFFFF

 C3E051

 FFFFA5

 A6C435

 FFFFC1

 8AA911

 FFFFDE

 6E8F00

 FFFFFB

 537500

 385C00

 1B4400

 002E00

 001900

 E0FD6D

 E0FD6D

 DBFD54

 E5FD86

 D6FD3A

 EAFDA0

 D1FD21

 EFFDB9

 CCFD08

 F4FDD2

 CAFD00

 F9FDEC

 FFFDFF

Harmonies

Analogous

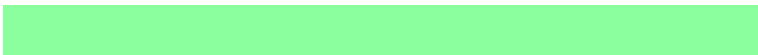
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE863



E0FD6D



8BFF9D

Triad

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



E0FD6D



00FFFF



FFB6FF

Complementary

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



E0FD6D



8A6DFD

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



E0FD6D



24FBFF

Square

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



E0FD6D



00FFFF



DFE3FF



FFB9BC

Rectangle

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



E0FD6D



16FFC9



DFE3FF



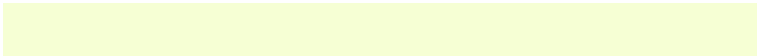
FFBAFF

Sweetspot

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



E0FD6D



F6FFD4



FD8A6D



7A8066



000000



808080

Same Dimension

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



E0FD6D



DCFF52



98FD6D



7D8073



99BF00



334000

Inverse Universe

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



8A6DFD



7552FF



D26DFD



757380



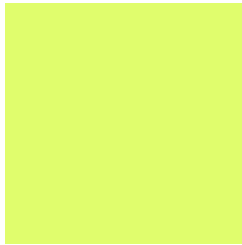
2700BF



0D0040

Previews

White Background



This preview shows how the Hex color E0FD6D looks on a white background.

Color Contrast Check

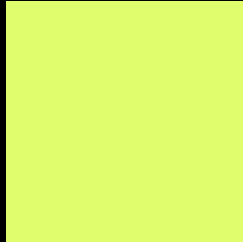
Large Text (above 18pt) WCAG AA × Fail

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 E0FD6D 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 E0FD6D Background



This preview shows how black text looks on a background with the Hex color E0FD6D.

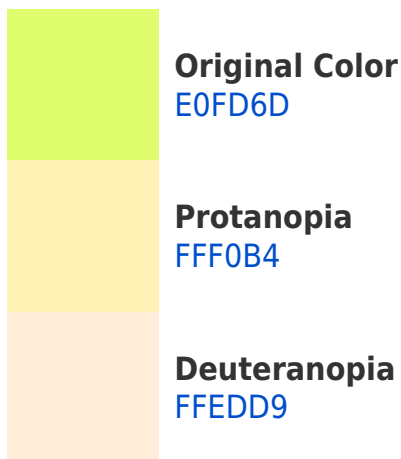


This preview shows how white text looks on a background with the Hex color E0FD6D.

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



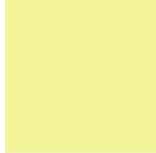


Tritanopia
F1EEFF

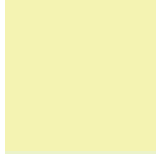
Trichromacy



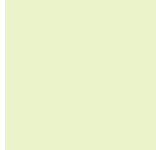
Original Color
E0FD6D



Protanomaly
F4F59A



Deuteranomaly
F4F3B2

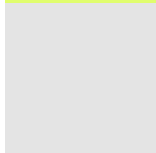


Tritanomaly
EBF3CA

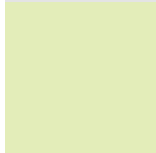
Monochromacy



Original Color
E0FD6D



Achromatopsia
E4E4E4



Achromatomaly
E3EDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex E0FD6D 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 #E0FD6D looks like.

```
.text, #text, p{  
    color:#E0FD6D  
}
```

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 #E0FD6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FD6D
}
```

Border

The CSS property to change the border of an element to Hex E0FD6D 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
#E0FD6D }
```

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

```
.border{ border-color:#E0FD6D }
```

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

Here you see how a box with a 4 pixel #E0FD6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FD6D; -webkit-box-shadow:4px 4px  
4px 4px #E0FD6D; box-shadow:4px 4px 4px  
4px #E0FD6D }
```

Background

The CSS property to change the background color of an element to Hex E0FD6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FD6D }
```

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

```
.background{ background-color:#E0FD6D }
```

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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