

Converting Colors

Hex(E0FD96)

Have a look what the booklet for
Hex(E0FD96) contains.

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Color

Hex(E0FD96)

Conversions

Conversions Part 1

Format	Color
Hex	E0FD96
RGB	224, 253, 150
RGB Percent	88%, 99%, 59%
CMY	0.1216, 0.0078, 0.4118
CMYK	0.11, 0.00, 0.41, 0.01
HSL	77°, 96%, 79%
HSV	77°, 41%, 99%
XYZ	71.3708, 88.2999, 42.1361
YIQ	232.5870, 15.7790, -38.1810

Conversions

Conversions Part 2

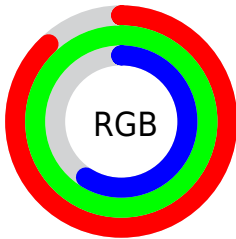
Format	Color
RYB	150, 253, 179
Decimal	14744982
CIELab	95.29, -25.22, 46.13
CIELCh	95, 52.575, 118.670
Yxy	88.2999, 0.3537, 0.4375
Android (android.graphics.Color)	4292935062 (0xFFE0FD96)
YUV	232.5870, -40.7154, -7.5308
Hunter-Lab	93.9680, -28.8693, 39.1914

Details

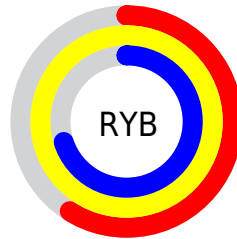
The Hex color **E0FD96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B396FD**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFCD**, and **A7C461** is the 20% darker color. If you saturate the color by 10%, you get **D9FD7D**, and if you desaturate by 10%, it is **E7FDAF**.

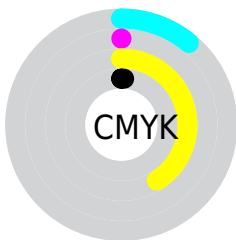
Distribution



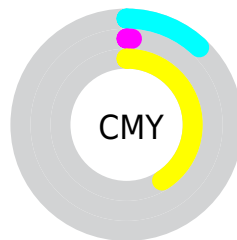
- Red (88%)
- Green (99%)
- Blue (59%)



- Red (59%)
- Yellow (99%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0FD96 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 E0FD96 by changing the saturation by 10% instead.

 E0FD96

 E0FD96

FFFFFF

 C3E07B

 FFFFCF

 A7C461

 FFFFEA


 8CA948

 718F2E

 577512

 3D5C00

 254400

 082E00

 001B00

 E0FD96

 E0FD96

 D9FD7D

 E7FDAF

 D2FD63

 EEFD9C

 CBF4A

 F5FDE2

 C4FD31

 FCFDFB

 BCFD18

 FFFDFF

 B6FD00

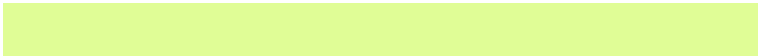
Harmonies

Analogous

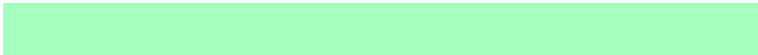
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE8A



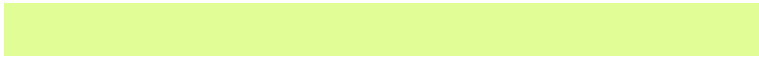
E0FD96



A3FFBB

Triad

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



E0FD96



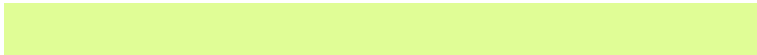
29FFFF



FFC9F6

Complementary

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



E0FD96



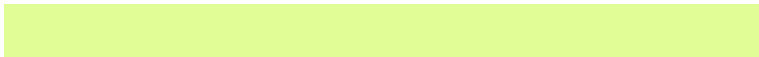
B396FD

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.



FFD3FF



E0FD96



A0F7FF

Square

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



E0FD96



00FFFF



F3E5FF



FFCDC3

Rectangle

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



E0FD96



73FFDC



F3E5FF



FFCBFF

Sweetspot

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



E0FD96



F6FFE0



FDB196



7A806E



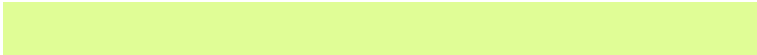
000000



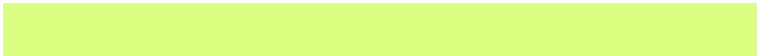
808080

Same Dimension

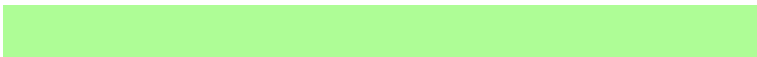
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0FD96



DCFF82



AEFD96



7C8073



89BF00



2E4000

Inverse Universe

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



B396FD



A582FF



E596FD



767380



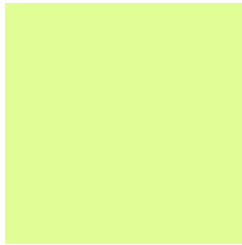
3600BF



120040

Previews

White Background



This preview shows how the Hex color E0FD96 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 E0FD96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

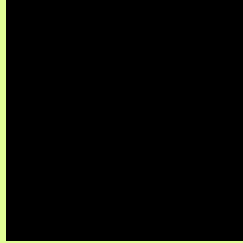
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

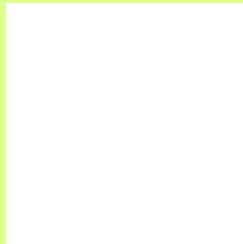
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E0FD96 Background



This preview shows how black text looks on a background with the Hex color E0FD96.

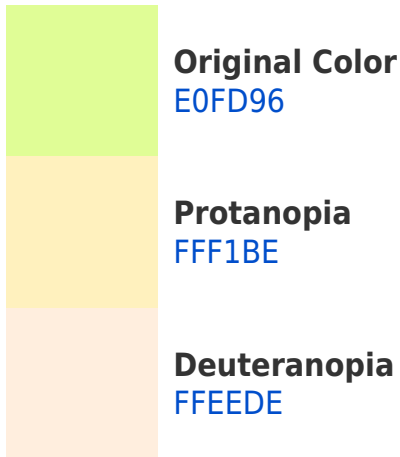


This preview shows how white text looks on a background with the Hex color E0FD96.

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](#).

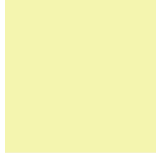
Dichromacy



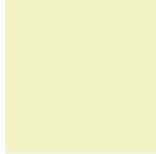
Trichromacy



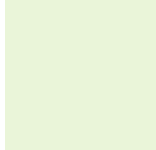
Original Color
E0FD96



Protanomaly
F4F5AF



Deuteranomaly
F4F3C4

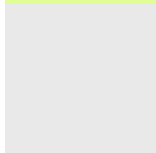


Tritanomaly
EAF5D9

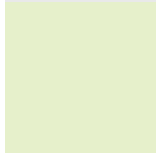
Monochromacy



Original Color
E0FD96



Achromatopsia
E9E9E9



Achromatomaly
E6F0CB

CSS Examples

Text

The CSS property to change the color of the text to Hex E0FD96 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 #E0FD96 looks like.

```
.text, #text, p{  
    color:#E0FD96  
}
```

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 #E0FD96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FD96
}
```

Border

The CSS property to change the border of an element to Hex E0FD96 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
#E0FD96 }
```

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

```
.border{ border-color:#E0FD96 }
```

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

Here you see how a box with a 4 pixel #E0FD96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FD96; -webkit-box-shadow:4px 4px  
4px 4px #E0FD96; box-shadow:4px 4px 4px  
4px #E0FD96 }
```

Background

The CSS property to change the background color of an element to Hex E0FD96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FD96 }
```

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

```
.background{ background-color:#E0FD96 }
```

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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