

Converting Colors

Hex(0EFD99)

Have a look what the booklet for
Hex(0EFD99) contains.

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Color

Hex(0EFD99)

Conversions

Conversions Part 1

Format	Color
Hex	0EFD99
RGB	14, 253, 153
RGB Percent	5%, 99%, 60%
CMY	0.9451, 0.0078, 0.4000
CMYK	0.94, 0.00, 0.40, 0.01
HSL	155°, 98%, 52%
HSV	155°, 94%, 99%
XYZ	41.0562, 72.6438, 41.9948
YIQ	170.1390, -110.3440, -81.7680

Conversions

Conversions Part 2

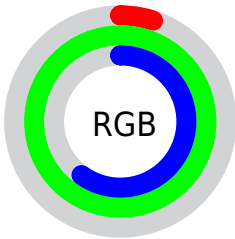
Format	Color
RYB	14, 165, 253
Decimal	982425
CIELab	88.28, -71.51, 34.21
CIELCh	88, 79.269, 154.436
Yxy	72.6438, 0.2637, 0.4666
Android (android.graphics.Color)	4279172505 (0xFF0EFD99)
YUV	170.1390, -8.4495, -136.9339
Hunter-Lab	85.2313, -63.1710, 30.4489

Details

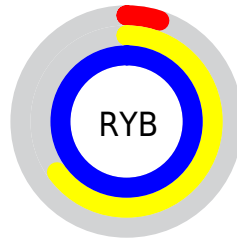
The Hex color **0EFD99** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FD0E72**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **75FFD0**, and **00C365** is the 20% darker color. If you saturate the color by 10%, you get **00FD93**, and if you desaturate by 10%, it is **27FDA4**.

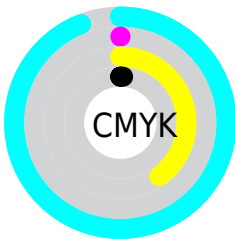
Distribution



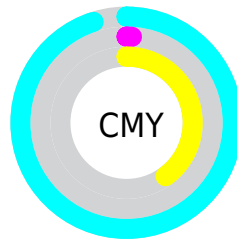
- Red (5%)
- Green (99%)
- Blue (60%)



- Red (5%)
- Yellow (65%)
- Blue (99%)



- Cyan (94%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (95%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EFD99 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 0EFD99 by changing the saturation by 10% instead.

 0EFD99

 0EFD99

FFFFFF

 00E07F

 75FFD0

 00C365

 97FFED

 00A74C

 B8FFFF

 008B33

 D8FFFF

 00701B

 F8FFFF

 005600

 003D00

 002300

 000000

 0EFD99

 0EFD99

 00FD93

 27FDA4

 41FDAE

 5AFDB9

 73FDC3

 8DFDCE

 A6FDD9

 BFFDE3

 D8FDEE

 F2FDF8

Harmonies

Analogous

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



ACF157



0EFD99



00FE7

Triad

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



0EFD99



36E2FF



FFA48C

Complementary

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



0EFD99



FD0E72

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.



FF96D5



0EFD99



EFC5FF

Square

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



0EFD99



00F6FF



FFA5FF



FFC151

Rectangle

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



0EFD99



00FFFF



FFA5FF



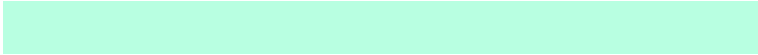
FF9DA4

Sweetspot

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



0EFD99



B8FFE1



76FD0E



54806D



000000



808080

Same Dimension

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



0EFD99



00FF94



0EEDFD



73807A



00BF6F



004025

Inverse Universe

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



FD0E72



FF006B



FD1E0E



807378



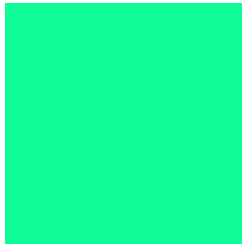
BF0050



40001B

Previews

White Background



This preview shows how the Hex color 0EFD99 looks on a white background.

Color Contrast Check

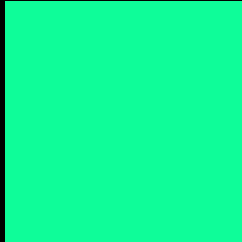
Large Text (above 18pt) WCAG AA × Fail

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 0EFD99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

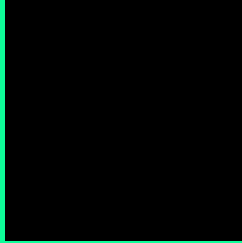
Any Text WCAG AA ✓ Pass

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 0EFD99 Background



This preview shows how black text looks on a background with the Hex color 0EFD99.

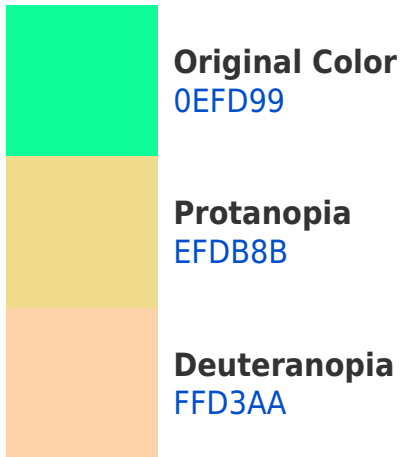


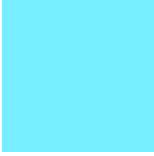
This preview shows how white text looks on a background with the Hex color 0EFD99.

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](#).

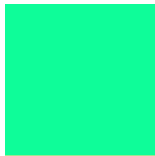
Dichromacy





Tritanopia
77EEFF

Trichromacy



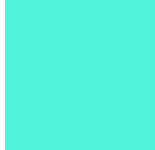
Original Color
0EFD99



Protanomaly
9DE790



Deuteranomaly
A7E2A4

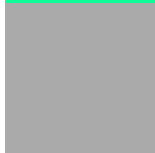


Tritanomaly
51F3DA

Monochromacy



Original Color
0EFD99



Achromatopsia
AAAAAA



Achromatomaly
71C8A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EFD99 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 #0EFD99 looks like.

```
.text, #text, p{  
    color:#0EFD99  
}
```

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 #0EFD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EFD99
}
```

Border

The CSS property to change the border of an element to Hex 0EFD99 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
#0EFD99 }
```

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

```
.border{ border-color:#0EFD99 }
```

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

Here you see how a box with a 4 pixel #0EFD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EFD99; -webkit-box-shadow:4px 4px  
4px 4px #0EFD99; box-shadow:4px 4px 4px  
4px #0EFD99 }
```

Background

The CSS property to change the background color of an element to Hex 0EFD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EFD99 }
```

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

```
.background{ background-color:#0EFD99 }
```

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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