

Converting Colors

Hex(E0FF73)

Have a look what the booklet for
Hex(E0FF73) contains.

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Color

Hex(E0FF73)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF73
RGB	224, 255, 115
RGB Percent	88%, 100%, 45%
CMY	0.1216, 0.0000, 0.5490
CMYK	0.12, 0.00, 0.55, 0.00
HSL	73°, 100%, 73%
HSV	73°, 55%, 100%
XYZ	69.5950, 88.6051, 29.6541
YIQ	229.7710, 26.4640, -50.1120

Conversions

Conversions Part 2

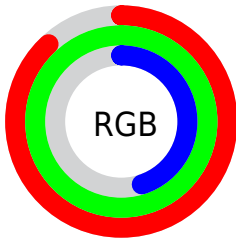
Format	Color
RYB	115, 255, 146
Decimal	14745459
CIELab	95.42, -29.58, 62.46
CIELCh	95, 69.105, 115.341
Yxy	88.6051, 0.3705, 0.4717
Android (android.graphics.Color)	4292935539 (0xFFE0FF73)
YUV	229.7710, -56.5821, -5.0612
Hunter-Lab	94.1303, -32.7545, 47.2129

Details

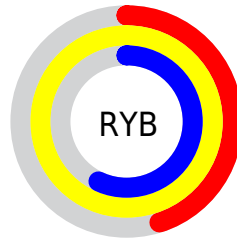
The Hex color **E0FF73** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9273FF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFAB**, and **A6C63C** is the 20% darker color. If you saturate the color by 10%, you get **DAFF5A**, and if you desaturate by 10%, it is **E6FF8D**.

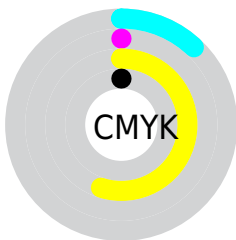
Distribution



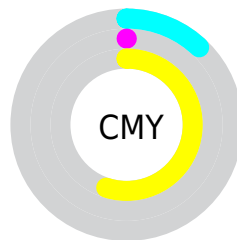
- Red (88%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0FF73 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 E0FF73 by changing the saturation by 10% instead.

 E0FF73

 E0FF73

FFFFFF

 C3E258

 FFFFAB

 A6C63C

 FFFFC7

 8AAB1C

 FFFFE4

 6E9000

 537700

 395E00

 1C4600

 002F00

 001B00

 E0FF73

 E0FF73

 DAFF5A

 E6FF8D

 D5FF40

 EBFFA6

 CFFF26

 F1FFC0

 C9FF0D

 F7FFD9

 C7FF00

 FCFFF3

FFFFFF

Harmonies

Analogous

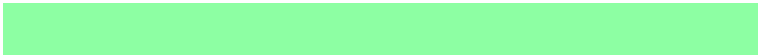
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB67



E0FF73



8DFFA3

Triad

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



E0FF73



00FFFF



FFB9FF

Complementary

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



E0FF73



9273FF

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.



FFCAFF



E0FF73



49FCFF

Square

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



E0FF73



00FFFF



E5E4FF



FFBDBC

Rectangle

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



E0FF73



24FFCE



E5E4FF



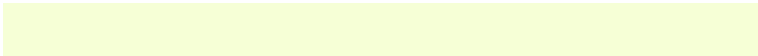
FFBDFF

Sweetspot

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



E0FF73



F6FFD6



FF9173



7A8067



000000



808080

Same Dimension

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



E0FF73



DAFF57



9BFF73



7D8073



95BF00



324000

Inverse Universe

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



9273FF



7C57FF



D773FF



767380



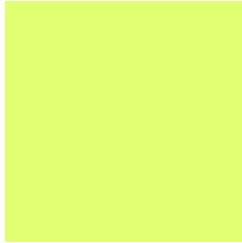
2A00BF



0E0040

Previews

White Background



This preview shows how the Hex color E0FF73 looks on a white background.

Color Contrast Check

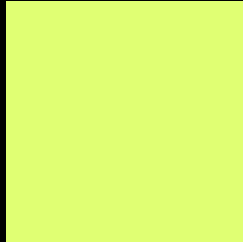
Large Text (above 18pt) WCAG AA × Fail

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 E0FF73 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 E0FF73 Background



This preview shows how black text looks on a background with the Hex color E0FF73.

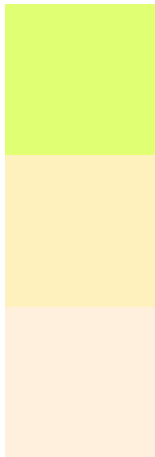


This preview shows how white text looks on a background with the Hex color E0FF73.

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

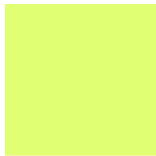


Original Color
E0FF73

Protanopia
FFF1BE

Deuteranopia
FFEFD9

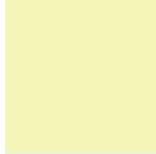
Trichromacy



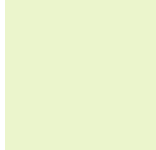
Original Color
E0FF73



Protanomaly
F4F6A3



Deuteranomaly
F4F5B6

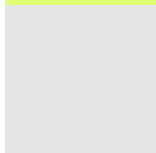


Tritanomaly
EBF5CC

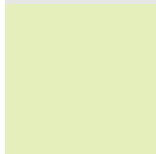
Monochromacy



Original Color
E0FF73



Achromatopsia
E6E6E6



Achromatomaly
E4EFBC

CSS Examples

Text

The CSS property to change the color of the text to Hex E0FF73 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 #E0FF73 looks like.

```
.text, #text, p{  
    color:#E0FF73  
}
```

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 #E0FF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FF73  
}
```

Border

The CSS property to change the border of an element to Hex E0FF73 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  
#E0FF73 }
```

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

```
.border{ border-color:#E0FF73 }
```

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

Here you see how a box with a 4 pixel #E0FF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FF73; -webkit-box-shadow:4px 4px  
4px 4px #E0FF73; box-shadow:4px 4px 4px  
4px #E0FF73 }
```

Background

The CSS property to change the background color of an element to Hex E0FF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FF73 }
```

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

```
.background{ background-color:#E0FF73 }
```

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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