

Converting Colors

Hex(00EE74)

Have a look what the booklet for
Hex(00EE74) contains.

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Color

Hex(00EE74)

Conversions

Conversions Part 1

Format	Color
Hex	00EE74
RGB	0, 238, 116
RGB Percent	0%, 93%, 45%
CMY	1.0000, 0.0667, 0.5451
CMYK	1.00, 0.00, 0.51, 0.07
HSL	149°, 100%, 47%
HSV	149°, 100%, 93%
XYZ	33.7269, 62.4100, 26.7917
YIQ	152.9300, -102.6860, -88.3980

Conversions

Conversions Part 2

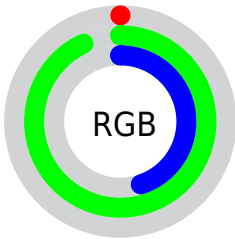
Format	Color
RYB	0, 160, 238
Decimal	61044
CIELab	83.13, -73.31, 45.59
CIELCh	83, 86.325, 148.122
Yxy	62.4100, 0.2744, 0.5077
Android (android.graphics.Color)	4278251124 (0xFF00EE74)
YUV	152.9300, -18.2065, -134.1196
Hunter-Lab	79.0000, -62.0443, 35.1926

Details

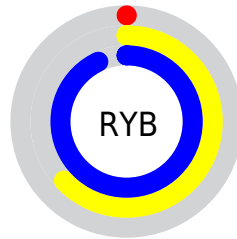
The Hex color **00EE74** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark washed spring green. A complement of this color would be **EE007A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6FFFAA**, and **00B440** is the 20% darker color. If you saturate the color by 10%, you get **00EE74**, and if you desaturate by 10%, it is **18EE80**.

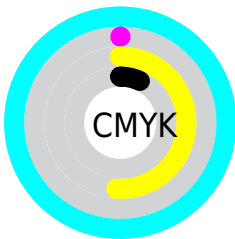
Distribution



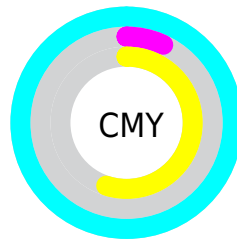
- Red (0%)
- Green (93%)
- Blue (45%)



- Red (0%)
- Yellow (63%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EE74 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 00EE74 by changing the saturation by 10% instead.

 00EE74

 00EE74

FFFFFF

 00D15A

 6FFFAA

 00B440

 91FFC6

 009826

 B2FFE3

 007D04

 D2FFFF

 006200

 F2FFFF

 004900

 003000

 001300

 000000

 00EE74

 18EE80

 30EE8C

 47EE99

 5FEEA5

 77EEB1

 8FEEBD

 A7EEC9

 BEEED6

 D6EEE2

Harmonies

Analogous

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



ABE126



00EE74



00F4C7

Triad

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



00EE74



00DAFF



FF8788

Complementary

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



00EE74



EE007A

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.



FF7CD8



00EE74



C3BCFF

Square

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



00EE74



00EDFF



FF96FF



FFA940

Rectangle

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



00EE74



00F5FF



FF96FF



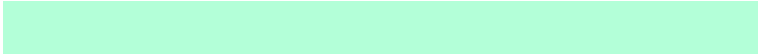
FF80A1

Sweetspot

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



00EE74



B3FFD8



7BEE00



528068



000000



808080

Same Dimension

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



00EE74



00FF7C



00EEEA



6C7872



00B859



00381B

Inverse Universe

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



EE007A



FF0083



EE0004



786C72



B8005E



38001D

Previews

White Background



This preview shows how the Hex color 00EE74 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 00EE74 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 00EE74 Background



This preview shows how black text looks on a background with the Hex color 00EE74.

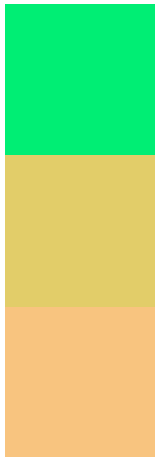


This preview shows how white text looks on a background with the Hex color 00EE74.

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](#).

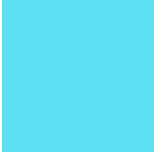
Dichromacy



Original Color
00EE74

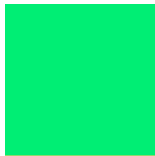
Protanopia
E2CD69

Deuteranopia
F8C47F



Tritanopia
5CE0F2

Trichromacy



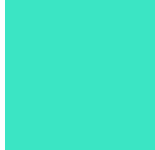
Original Color
00EE74



Protanomaly
90D96D



Deuteranomaly
9ED37B



Tritanomaly
3BE5C4

Monochromacy



Original Color
00EE74



Achromatopsia
999999



Achromatomaly
61B88C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EE74 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 #00EE74 looks like.

```
.text, #text, p{  
    color:#00EE74  
}
```

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 #00EE74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EE74
}
```

Border

The CSS property to change the border of an element to Hex 00EE74 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
#00EE74 }
```

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

```
.border{ border-color:#00EE74 }
```

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

Here you see how a box with a 4 pixel #00EE74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EE74; -webkit-box-shadow:4px 4px  
4px 4px #00EE74; box-shadow:4px 4px 4px  
4px #00EE74 }
```

Background

The CSS property to change the background color of an element to Hex 00EE74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EE74 }
```

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

```
.background{ background-color:#00EE74 }
```

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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