

# Converting Colors

Hex(01EC84)

Have a look what the booklet for  
Hex(01EC84) contains.

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# Color

Hex(01EC84)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 01EC84                        |
| RGB         | 1, 236, 132                   |
| RGB Percent | 0%, 93%, 52%                  |
| CMY         | 0.9961, 0.0745, 0.4824        |
| CMYK        | 1.00, 0.00, 0.44, 0.07        |
| HSL         | 153°, 99%, 46%                |
| HSV         | 153°, 100%, 93%               |
| XYZ         | 34.1728, 61.6633, 31.9309     |
| YIQ         | 153.8790, -106.6760, -82.1640 |

# Conversions

## Conversions Part 2

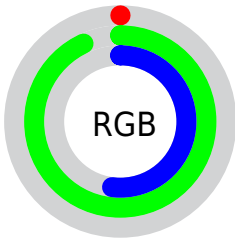
| Format                              | Color                            |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 1, 152, 236                      |
| Decimal                             | 126084                           |
| CIELab                              | 82.73, -70.04, 37.35             |
| CIELCh                              | 83, 79.380, 151.928              |
| Yxy                                 | 61.6633, 0.2675,<br>0.4826       |
| Android<br>(android.graphics.Color) | 4278316164<br>(0xFF01EC84)       |
| YUV                                 | 153.8790, -10.7863,<br>-134.0749 |
| Hunter-Lab                          | 78.5260, -59.7411,<br>30.8592    |

# Details

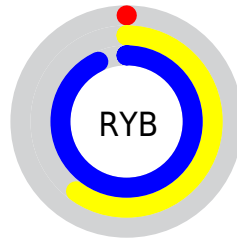
The Hex color **01EC84** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EC0169**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6FFFBA**, and **00B351** is the 20% darker color. If you saturate the color by 10%, you get **00EC84**, and if you desaturate by 10%, it is **19EC8E**.

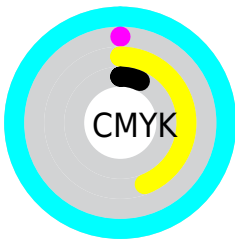
# Distribution



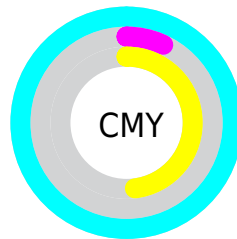
- Red (0%)
- Green (93%)
- Blue (52%)



- Red (0%)
- Yellow (60%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01EC84 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 01EC84 by changing the saturation by 10% instead.



 01EC84

 01EC84

FFFFFF

 00CF6A

 6FFFBA

 00B351

 90FFD6

 009738

 B1FFF3


 007B1F

 D1FFFF

 006102

 F0FFFF

 004700

 002F00

 001100

 000000

 01EC84

 01EC84

 00EC84

 19EC8E

 30EC99

 48ECA3

 5FECAE

 77ECB8

 8FECC3

 A6ECCD

 BEECD8

 D5ECE2

# Harmonies

## Analogous

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



A4E042



01EC84



00F1D1

# Triad

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



01EC84



00D5FF



FF9283

# Complementary

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



01EC84



EC0169

# 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.



FF85CC



01EC84



D4B8FF

# Square

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



01EC84



00E8FF



FF97FF



FFB046

# Rectangle

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



01EC84



00F1FF



FF97FF



FF8A9B

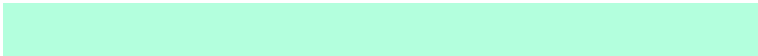


# Sweetspot

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



01EC84



B3FFDD



6BEC01



52806B



000000



808080



# Same Dimension

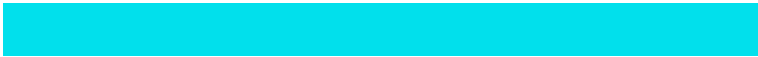
The Same Dimension uses a secret algorithm to generate beautiful new colors.



01EC84



00FF8E



01E0EC



6A7570



00B565



00361E



# Inverse Universe

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



EC0169



FF0071



EC0D01



756A6F



B50050

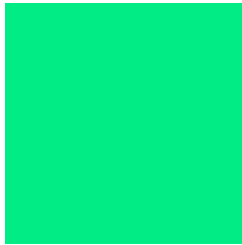


360018



# Previews

## White Background



This preview shows how the Hex color 01EC84 looks on a white background.

## Color Contrast Check

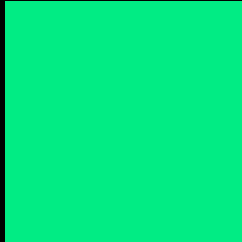
Large Text (above 18pt) WCAG AA × Fail

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 01EC84 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 01EC84 Background



This preview shows how black text looks on a background with the Hex color 01EC84.

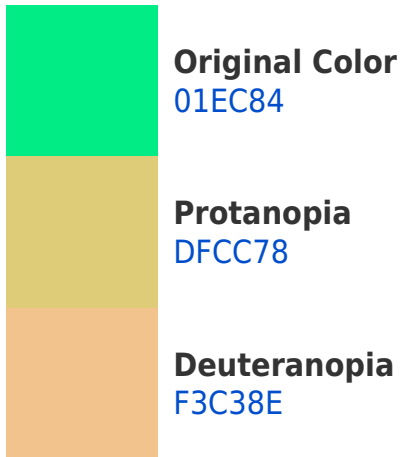


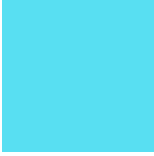
This preview shows how white text looks on a background with the Hex color 01EC84.

# 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**  
58DFF2

# Trichromacy



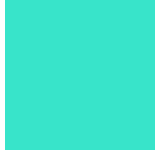
**Original Color**  
01EC84



**Protanomaly**  
8ED87C



**Deuteranomaly**  
9BD28A



**Tritanomaly**  
38E4CA

# Monochromacy



**Original Color**  
01EC84



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
62B892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01EC84 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 #01EC84 looks like.

```
.text, #text, p{  
    color:#01EC84  
}
```

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 #01EC84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01EC84
}
```

## Border

The CSS property to change the border of an element to Hex 01EC84 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
#01EC84 }
```

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

```
.border{ border-color:#01EC84 }
```

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

Here you see how a box with a 4 pixel #01EC84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01EC84; -webkit-box-shadow:4px 4px  
4px 4px #01EC84; box-shadow:4px 4px 4px  
4px #01EC84 }
```

# Background

The CSS property to change the background color of an element to Hex 01EC84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01EC84 }
```

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

```
.background{ background-color:#01EC84 }
```

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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