

# Converting Colors

Hex(10EA3D)

Have a look what the booklet for  
Hex(10EA3D) contains.

<b>Hex(10EA3D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(10EA3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10EA3D
RGB	16, 234, 61
RGB Percent	6%, 92%, 24%
CMY	0.9373, 0.0824, 0.7608
CMYK	0.93, 0.00, 0.74, 0.08
HSL	132°, 87%, 49%
HSV	132°, 93%, 92%
XYZ	30.4788, 59.2927, 14.2531
YIQ	149.0960, -74.3950, -100.0190

# Conversions

## Conversions Part 2

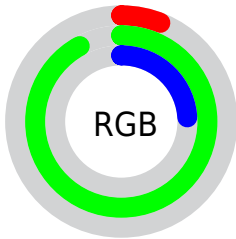
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 197, 234
Decimal	1108541
CIELab	81.45, -77.82, 66.47
CIELCh	81, 102.343, 139.497
Yxy	59.2927, 0.2930, 0.5700
Android (android.graphics.Color)	4279298621 (0xFF10EA3D)
YUV	149.0960, -43.4313, -116.7252
Hunter-Lab	77.0018, -64.0993, 42.9266

# Details

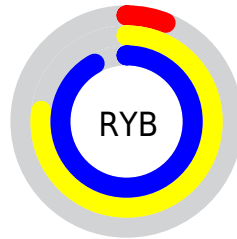
The Hex color **10EA3D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EA10BD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FF77**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **00EA30**, and if you desaturate by 10%, it is **27EA50**.

# Distribution



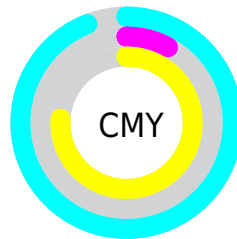
- Red (6%)
- Green (92%)
- Blue (24%)



- Red (6%)
- Yellow (77%)
- Blue (92%)



- Cyan (93%)
- Magenta (0%)
- Yellow (74%)
- Black (8%)



- Cyan (94%)
- Magenta (8%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10EA3D 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 10EA3D by changing the saturation by 10% instead.



 10EA3D

 10EA3D

FFFFFF

 00CD1A

 73FF77

 00B000

 95FF93

 009500

 B5FFB0

 007900

 D6FFCC

 005F00

 F5FFEA

 004500

 002C00

 000A00

 000000

 10EA3D

 10EA3D

 00EA30

 27EA50

 3FEA62

 56EA75

 6EEA87

 85EA9A

 9CEAAC

 B4EABF

 CBEAD2

 E3EAE4

# Harmonies

## Analogous

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



B8D900



10EA3D



00F2A4

# Triad

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



10EA3D



00E0FF



FF5D91

# Complementary

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



10EA3D



EA10BD

# 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.



FF5DF0



10EA3D



69C0FF

# Square

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



10EA3D



00F0FF



FF8FFF



FF8D33

# Rectangle

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



10EA3D



00F4E7



FF8FFF



FF55B0

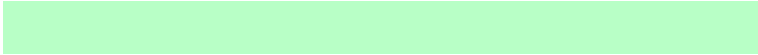


# Sweetspot

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



10EA3D



B8FFC6



BEEA10



54805D



000000



808080



# Same Dimension

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



10EA3D



00FF35



10EAA9



6A756C



00B525



00360B



# Inverse Universe

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



EA10BD



FF00CA



EA1051



756A73



B50090

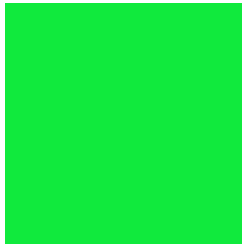


36002A



# Previews

## White Background



This preview shows how the Hex color 10EA3D 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 10EA3D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

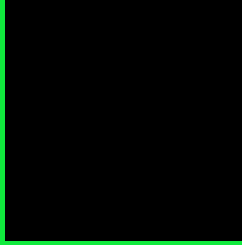
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10EA3D Background



This preview shows how black text looks on a background with the Hex color 10EA3D.

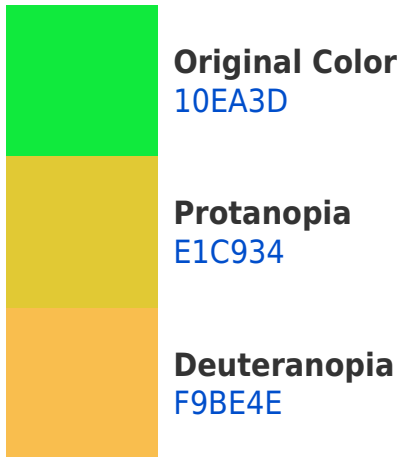


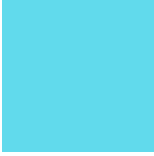
This preview shows how white text looks on a background with the Hex color 10EA3D.

# 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](#).

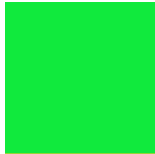
## Dichromacy





**Tritanopia**  
61DAEC

# Trichromacy



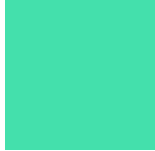
**Original Color**  
10EA3D



**Protanomaly**  
95D537

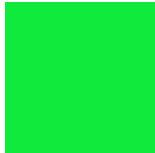


**Deuteranomaly**  
A4CE48



**Tritanomaly**  
44E0AC

# Monochromacy



**Original Color**  
10EA3D



**Achromatopsia**  
959595



**Achromatomaly**  
65B475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10EA3D 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 #10EA3D looks like.

```
.text, #text, p{  
    color:#10EA3D  
}
```

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 #10EA3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EA3D
}
```

## Border

The CSS property to change the border of an element to Hex 10EA3D 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
#10EA3D }
```

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

```
.border{ border-color:#10EA3D }
```

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

Here you see how a box with a 4 pixel #10EA3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EA3D; -webkit-box-shadow:4px 4px  
4px 4px #10EA3D; box-shadow:4px 4px 4px  
4px #10EA3D }
```

# Background

The CSS property to change the background color of an element to Hex 10EA3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EA3D }
```

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

```
.background{ background-color:#10EA3D }
```

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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