

Converting Colors

Hex(10EF3A)

Have a look what the booklet for
Hex(10EF3A) contains.

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Color

Hex(10EF3A)

Conversions

Conversions Part 1

Format	Color
Hex	10EF3A
RGB	16, 239, 58
RGB Percent	6%, 94%, 23%
CMY	0.9373, 0.0627, 0.7725
CMYK	0.93, 0.00, 0.76, 0.06
HSL	131°, 87%, 50%
HSV	131°, 93%, 94%
XYZ	31.8439, 62.1487, 14.3205
YIQ	151.6890, -74.8070, -103.5670

Conversions

Conversions Part 2

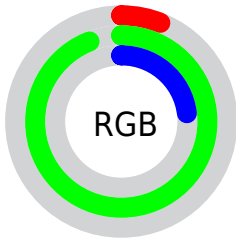
Format	Color
RYB	16, 204, 239
Decimal	1109818
CIELab	82.99, -79.42, 68.97
CIELCh	83, 105.187, 139.030
Yxy	62.1487, 0.2940, 0.5738
Android (android.graphics.Color)	4279299898 (0xFF10EF3A)
YUV	151.6890, -46.1887, -118.9993
Hunter-Lab	78.8344, -65.8580, 44.4139

Details

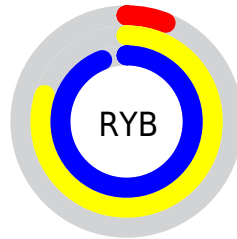
The Hex color **10EF3A** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EF10C5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **75FF75**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **00EF2D**, and if you desaturate by 10%, it is **28EF4D**.

Distribution



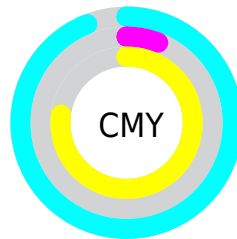
- Red (6%)
- Green (94%)
- Blue (23%)



- Red (6%)
- Yellow (80%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (76%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10EF3A 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 10EF3A by changing the saturation by 10% instead.

 10EF3A


 10EF3A

FFFFFF

 00D213

 75FF75

 00B500

 97FF91

 009900

 B8FFAE

 007E00

 D8FFCB

 006300

 F8FFE9

 004900

 003000

 001200

 000000

■ 10EF3A

■ 10EF3A

■ 00EF2D

■ 28EF4D

■ 40EF61

■ 58EF74

■ 70EF88

■ 87EF9B

■ 9FEFAE

■ B7EFC2

■ CFEFD5

■ E7EFE9

Harmonies

Analogous

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



BDDD00



10EF3A



00F8A6

Triad

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



10EF3A



00E5FF



FF5C95

Complementary

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



10EF3A



EF10C5

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.



FF5DF7



10EF3A



62C5FF

Square

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



10EF3A



00F5FF



FF92FF



FF8F34

Rectangle

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



10EF3A



00FAEB



FF92FF



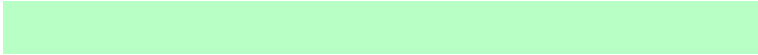
FF53B5

Sweetspot

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



10EF3A



B8FFC5



C6EF10



54805C



000000



808080

Same Dimension

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



10EF3A



00FF30



10EFA8



6C786E



00B823



00380B

Inverse Universe

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



EF10C5



FF00CF



EF1057



786C76



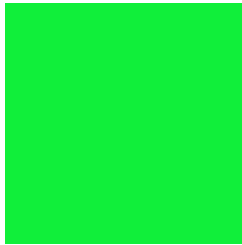
B80095



38002E

Previews

White Background



This preview shows how the Hex color 10EF3A 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 10EF3A 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 10EF3A Background



This preview shows how black text looks on a background with the Hex color 10EF3A.

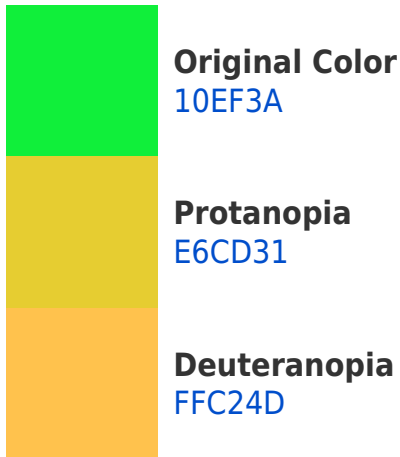


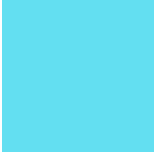
This preview shows how white text looks on a background with the Hex color 10EF3A.

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](#).

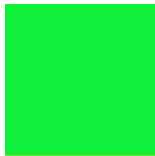
Dichromacy





Tritanopia
63DFF1

Trichromacy



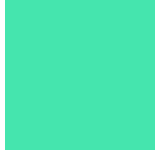
Original Color
10EF3A



Protanomaly
98D934



Deuteranomaly
A8D246

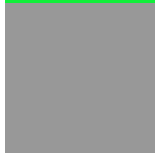


Tritanomaly
45E5AE

Monochromacy



Original Color
10EF3A



Achromatopsia
989898



Achromatomaly
67B876

CSS Examples

Text

The CSS property to change the color of the text to Hex 10EF3A 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 #10EF3A looks like.

```
.text, #text, p{  
    color:#10EF3A  
}
```

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 #10EF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EF3A
}
```

Border

The CSS property to change the border of an element to Hex 10EF3A 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
#10EF3A }
```

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

```
.border{ border-color:#10EF3A }
```

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

Here you see how a box with a 4 pixel #10EF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EF3A; -webkit-box-shadow:4px 4px  
4px 4px #10EF3A; box-shadow:4px 4px 4px  
4px #10EF3A }
```

Background

The CSS property to change the background color of an element to Hex 10EF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EF3A }
```

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

```
.background{ background-color:#10EF3A }
```

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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