

Converting Colors

Hex(10FE30)

Have a look what the booklet for
Hex(10FE30) contains.

Hex(10FE30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(10FE30)

Conversions

Conversions Part 1

Format	Color
Hex	10FE30
RGB	16, 254, 48
RGB Percent	6%, 100%, 19%
CMY	0.9373, 0.0039, 0.8118
CMYK	0.94, 0.00, 0.81, 0.00
HSL	128°, 99%, 53%
HSV	128°, 94%, 100%
XYZ	36.1890, 71.2072, 14.6333
YIQ	159.3540, -75.7220, -114.5220

Conversions

Conversions Part 2

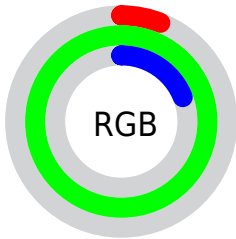
Format	Color
RYB	16, 226, 254
Decimal	1113648
CIELab	87.59, -84.09, 76.15
CIELCh	88, 113.449, 137.838
Yxy	71.2072, 0.2966, 0.5835
Android (android.graphics.Color)	4279303728 (0xFF10FE30)
YUV	159.3540, -54.8975, -125.7215
Hunter-Lab	84.3843, -71.1213, 48.7874

Details

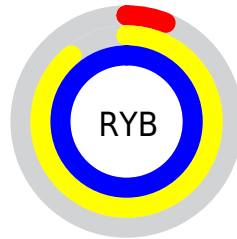
The Hex color **10FE30** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FE10DE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **79FF70**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **00FE22**, and if you desaturate by 10%, it is **29FE46**.

Distribution



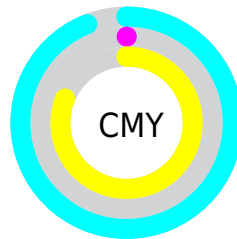
- Red (6%)
- Green (100%)
- Blue (19%)



- Red (6%)
- Yellow (89%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10FE30 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 10FE30 by changing the saturation by 10% instead.

 10FE30

 10FE30

FFFFFF

 00E000

 79FF70

 00C300

 9CFF8D

 00A700

 BEFFAA

 008B00

 DEFFC7

 007000

 FFFF E5

 005500

 003C00

 002200

 000000

 10FE30

 10FE30

 00FE22

 29FE46

 43FE5C

 5CFE72

 76FE88

 8FFE9E

 A8FEB4

 C2FECA

 DBFEE0

 F5FEF6

Harmonies

Analogous

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



CCEA00



10FE30



00FFAA

Triad

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



10FE30



00F5FF



FF58A1

Complementary

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



10FE30



FE10DE

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.



FF5CFF



10FE30



42D2FF

Square

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



10FE30



00FFFF



FF9BFF



FF9236

Rectangle

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



10FE30



00FFF6



FF9BFF



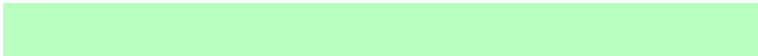
FF4DC4

Sweetspot

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



10FE30



B8FFC1



DEFE10



54805A



000000



808080

Same Dimension

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



10FE30



00FF22



10FEA7



738074



00BF1A



004009

Inverse Universe

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



FE10DE



FF00DD



FE1067



80737E



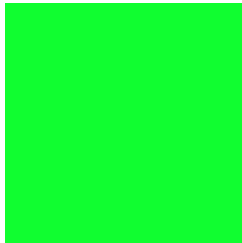
BF00A6



400037

Previews

White Background



This preview shows how the Hex color 10FE30 looks on a white background.

Color Contrast Check

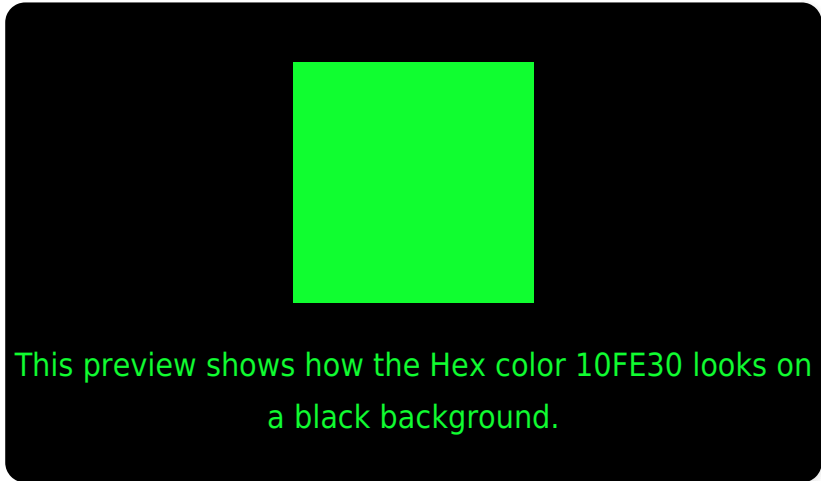
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

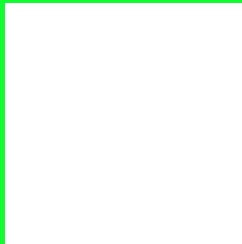
Any Text WCAG AAA ✓ Pass

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

Hex 10FE30 Background



This preview shows how black text looks on a background with the Hex color 10FE30.

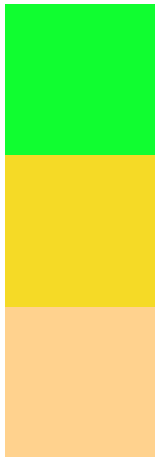


This preview shows how white text looks on a background with the Hex color 10FE30.

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](#).

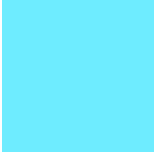
Dichromacy



Original Color
10FE30

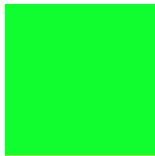
Protanopia
F5DA26

Deuteranopia
FFD28E



Tritanopia
6EECFE

Trichromacy



Original Color
10FE30



Protanomaly
A2E72A

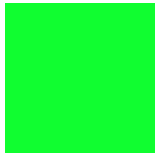


Deuteranomaly
A8E26C



Tritanomaly
4CF3B4

Monochromacy



Original Color
10FE30



Achromatopsia
9F9F9F



Achromatomaly
6BC277

CSS Examples

Text

The CSS property to change the color of the text to Hex 10FE30 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 #10FE30 looks like.

```
.text, #text, p{  
    color:#10FE30  
}
```

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 #10FE30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10FE30
}
```

Border

The CSS property to change the border of an element to Hex 10FE30 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
#10FE30 }
```

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

```
.border{ border-color:#10FE30 }
```

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

Here you see how a box with a 4 pixel #10FE30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10FE30; -webkit-box-shadow:4px 4px  
4px 4px #10FE30; box-shadow:4px 4px 4px  
4px #10FE30 }
```

Background

The CSS property to change the background color of an element to Hex 10FE30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10FE30 }
```

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

```
.background{ background-color:#10FE30 }
```

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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