

Converting Colors

Hex(1FEF10)

Have a look what the booklet for
Hex(1FEF10) contains.

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Color

Hex(1FEF10)

Conversions

Conversions Part 1

Format	Color
Hex	1FEF10
RGB	31, 239, 16
RGB Percent	12%, 94%, 6%
CMY	0.8784, 0.0627, 0.9373
CMYK	0.87, 0.00, 0.93, 0.06
HSL	116°, 87%, 50%
HSV	116°, 93%, 94%
XYZ	31.5251, 62.0617, 10.8078
YIQ	151.3860, -52.3850, -113.4490

Conversions

Conversions Part 2

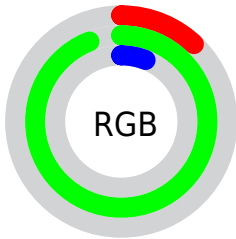
Format	Color
R_{YB}	16, 239, 224
Decimal	2092816
CIE _{Lab}	82.95, -80.39, 77.99
CIE _{LCh}	83, 112.005, 135.865
Yxy	62.0617, 0.3020, 0.5945
Android (android.graphics.Color)	4280282896 (0xFF1FEF10)
YUV	151.3860, -66.7453, -105.5785
Hunter-Lab	78.7793, -66.4334, 47.0114

Details

The Hex color **1FEF10** 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 **E010EF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7AFF5D**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **10EF00**, and if you desaturate by 10%, it is **35EF28**.

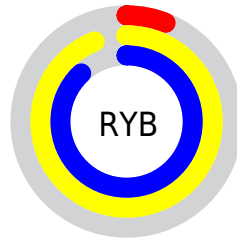
Distribution



Red (12%)

Green (94%)

Blue (6%)



Red (6%)

Yellow (94%)

Blue (88%)

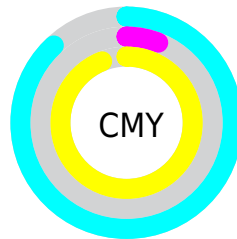


Cyan (87%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (88%)

Magenta (6%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FEF10 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 1FEF10 by changing the saturation by 10% instead.

 1FEF10

 1FEF10

FFFFFF

 00D200

 7AFF5D

 00B500

 9CFF7B

 009900

 BDFF98

 007E00

 DDFFB6

 006300

 FDFFD3

 004900

 FFFFF1

 003000

 001200

 000000

 1FEF10

 1FEF10

 10EF00

 35EF28

 4CEF40

 62EF58

 78EF70

 8EEF87

 A5EF9F

 BBFB7

 D1EFCF

 E8EFE7

Harmonies

Analogous

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



C5DB00



1FEF10



00F997

Triad

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



1FEF10



00E9FF



FF439C

Complementary

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



1FEF10



E010EF

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.



FF4FFF



1FEF10



00C9FF

Square

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



1FEF10



00F8FF



FF93FF



FF8233

Rectangle

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



1FEF10



00FBE1



FF93FF



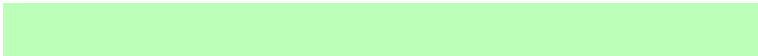
FF39BF

Sweetspot

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



1FEF10



BCFFB8



EFDC10



578054



000000



808080

Same Dimension

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



1FEF10



11FF00



10EF6D



6D786C



0CB800



043800

Inverse Universe

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



E010EF



EE00FF



EF1092



776C78



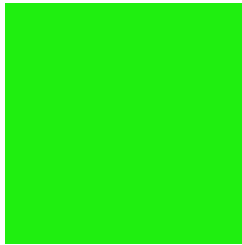
AB00B8



340038

Previews

White Background



This preview shows how the Hex color 1FEF10 looks on a white background.

Color Contrast Check

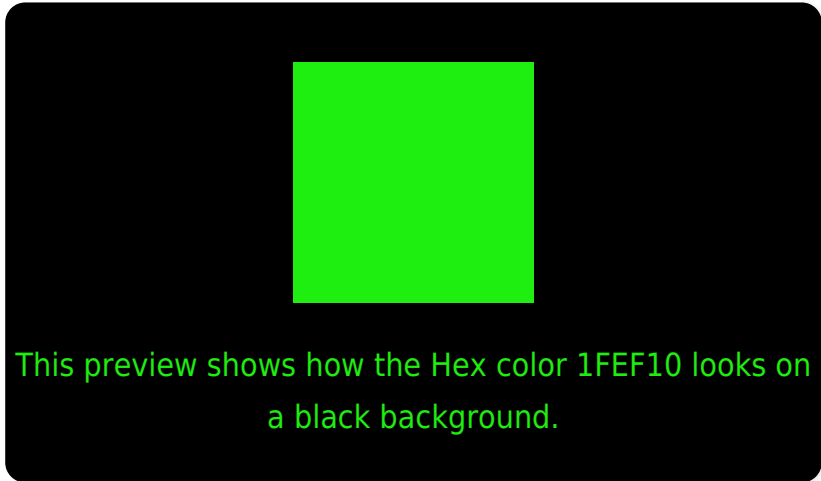
Large Text (above 18pt) WCAG AA × Fail

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

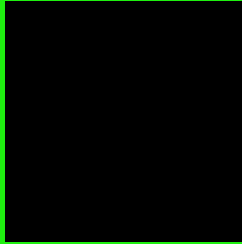
Any Text WCAG AA ✓ Pass

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 1FEF10 Background



This preview shows how black text looks on a background with the Hex color 1FEF10.

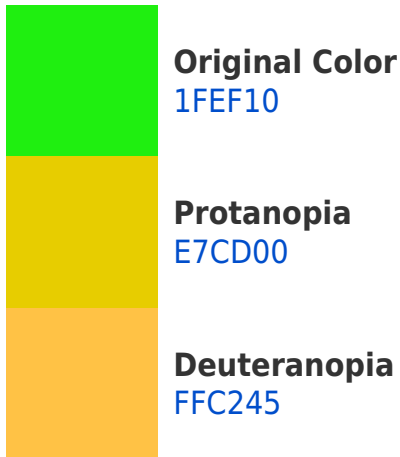


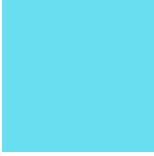
This preview shows how white text looks on a background with the Hex color 1FEF10.

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](#).

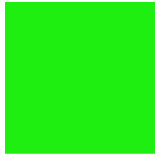
Dichromacy





Tritanopia
68DEF0

Trichromacy



Original Color

1FEF10



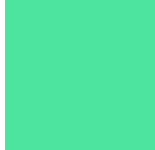
Protanomaly

9ED906



Deuteranomaly

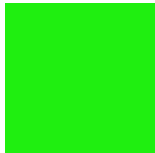
AED232



Tritanomaly

4DE49F

Monochromacy



Original Color

1FEF10



Achromatopsia

979797



Achromatomaly

6BB766

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FEF10 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 #1FEF10 looks like.

```
.text, #text, p{  
    color:#1FEF10  
}
```

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 #1FEF10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FEF10
}
```

Border

The CSS property to change the border of an element to Hex 1FEF10 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
#1FEF10 }
```

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

```
.border{ border-color:#1FEF10 }
```

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

Here you see how a box with a 4 pixel #1FEF10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FEF10; -webkit-box-shadow:4px 4px  
4px 4px #1FEF10; box-shadow:4px 4px 4px  
4px #1FEF10 }
```

Background

The CSS property to change the background color of an element to Hex 1FEF10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FEF10 }
```

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

```
.background{ background-color:#1FEF10 }
```

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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