

Converting Colors

Hex(138F0E)

Have a look what the booklet for
Hex(138F0E) contains.

Hex(138F0E)	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(138F0E)

Conversions

Conversions Part 1

Format	Color
Hex	138F0E
RGB	19, 143, 14
RGB Percent	7%, 56%, 5%
CMY	0.9255, 0.4392, 0.9451
CMYK	0.87, 0.00, 0.90, 0.44
HSL	118°, 82%, 31%
HSV	118°, 90%, 56%
XYZ	10.1703, 19.8151, 3.7041
YIQ	91.2180, -32.4950, -66.4070

Conversions

Conversions Part 2

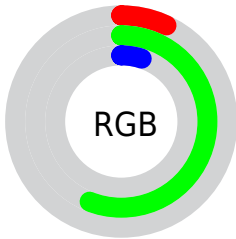
Format	Color
R_{YB}	14, 143, 138
Decimal	1281806
CIE _{Lab}	51.63, -54.12, 51.79
CIE _{LCh}	52, 74.913, 136.259
Yxy	19.8151, 0.3019, 0.5882
Android (android.graphics.Color)	4279471886 (0xFF138F0E)
YUV	91.2180, -38.0685, -63.3352
Hunter-Lab	44.5141, -37.1173, 26.2262

Details

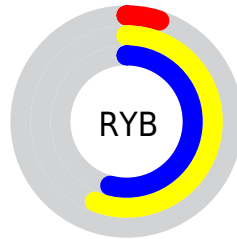
The Hex color **138F0E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8A0E8F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BC649**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **068F00**, and if you desaturate by 10%, it is **218F1C**.

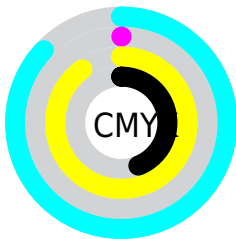
Distribution



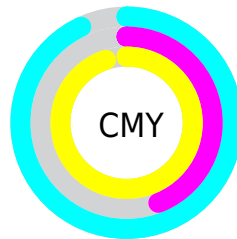
- Red (7%)
- Green (56%)
- Blue (5%)



- Red (5%)
- Yellow (56%)
- Blue (54%)



- Cyan (87%)
- Magenta (0%)
- Yellow (90%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138F0E 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 138F0E by changing the saturation by 10% instead.

 138F0E

 138F0E

FFFFFF

 007500

 5BC649

 005B00

 79E264

 004200

 96FF7F

 002C00

 B3FF9A

 000B00

 D1FFB6

 000000

 EFFF02

 FFFF02

 138F0E

 138F0E

■ 068F00

■ 218F1C

■ 2E8F2B

■ 3C8F39

■ 4A8F47

■ 588F56

■ 658F64

■ 738F72

■ 818F80

■ 8F8F8F

Harmonies

Analogous

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



758300



138F0E



00955A

Triad

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



138F0E



008BF9



E92A5B

Complementary

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



138F0E



8A0E8F

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.



DD309B



138F0E



0077F8

Square

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



138F0E



0094D7



A757D5



D64D1C

Rectangle

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



138F0E



009787



A757D5



E92471

Sweetspot

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



138F0E



8ABA88



8F890E



415E40



DEDEDE



5E5E5E

Same Dimension

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



138F0E



07BA00



0E8F48



414740



058700



000800

Inverse Universe

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



8A0E8F



B300BA



8F0E55



474047



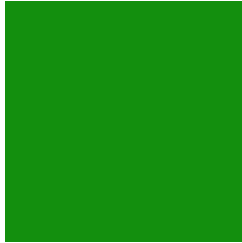
820087



070008

Previews

White Background



This preview shows how the Hex color 138F0E looks on a white background.

Color Contrast Check

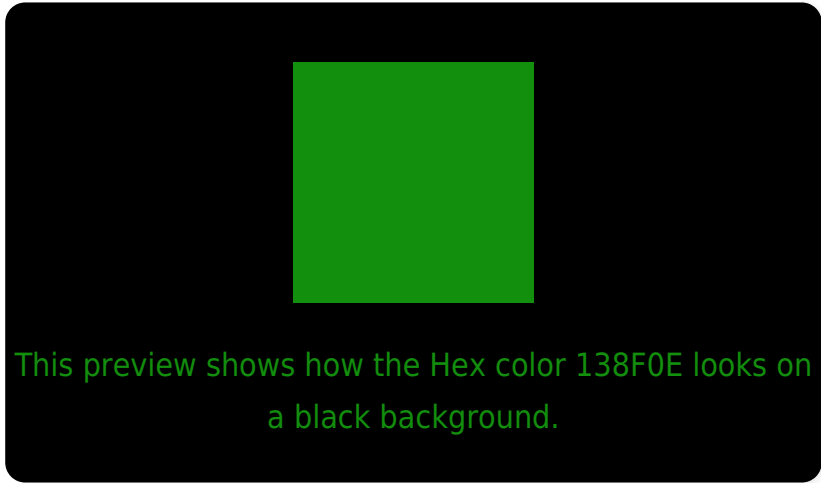
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 138F0E Background



This preview shows how black text looks on a background with the Hex color 138F0E.



This preview shows how white text looks on a background with the Hex color 138F0E.

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
138F0E

Protanopia
8A7B00

Deuteranopia
9A7421



Tritanopia
3E8590

Trichromacy



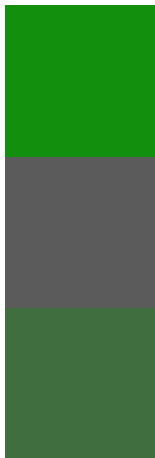
Original Color
138F0E

Protanomaly
5F8205

Deuteranomaly
697E1A

Tritanomaly
2E8961

Monochromacy



Original Color
138F0E

Achromatopsia
5B5B5B

Achromatomaly
416E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 138F0E 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 #138F0E looks like.

```
.text, #text, p{  
    color:#138F0E  
}
```

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 #138F0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138F0E
}
```

Border

The CSS property to change the border of an element to Hex 138F0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

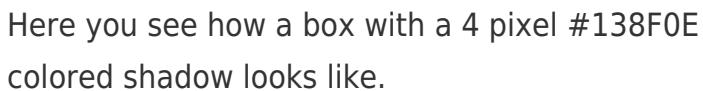
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#138F0E }
```

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

```
.border{ border-color:#138F0E }
```

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



Here you see how a box with a 4 pixel #138F0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138F0E; -webkit-box-shadow:4px 4px  
4px 4px #138F0E; box-shadow:4px 4px 4px  
4px #138F0E }
```

Background

The CSS property to change the background color of an element to Hex 138F0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138F0E }
```

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

```
.background{ background-color:#138F0E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor