

# Converting Colors

Hex(138F1B)

Have a look what the booklet for  
Hex(138F1B) contains.

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# Color

**Hex(138F1B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 138F1B                      |
| RGB           | 19, 143, 27                 |
| RGB Percent   | 7%, 56%, 11%                |
| CMY           | 0.9255, 0.4392, 0.8941      |
| CMYK          | 0.87, 0.00, 0.81, 0.44      |
| HSL           | 124°, 77%, 32%              |
| HSV           | 124°, 87%, 56%              |
| XYZ           | 10.2888, 19.8625, 4.3285    |
| YIQ           | 92.7000, -36.6680, -62.3640 |

# Conversions

## Conversions Part 2

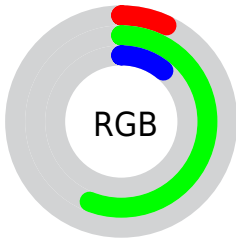
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 19, 135, 143                   |
| Decimal                             | 1281819                        |
| CIE Lab                             | 51.68, -53.44, 48.43           |
| CIE LCh                             | 52, 72.120, 137.811            |
| Yxy                                 | 19.8625, 0.2984,<br>0.5761     |
| Android<br>(android.graphics.Color) | 4279471899<br>(0xFF138F1B)     |
| YUV                                 | 92.7000, -32.3901,<br>-64.6349 |
| Hunter-Lab                          | 44.5674, -36.7843,<br>25.4388  |

# Details

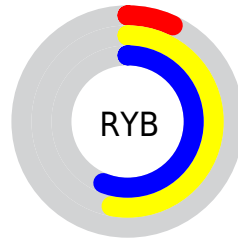
The Hex color **138F1B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8F1387**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BC651**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **058F0E**, and if you desaturate by 10%, it is **218F28**.

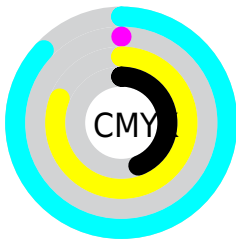
# Distribution



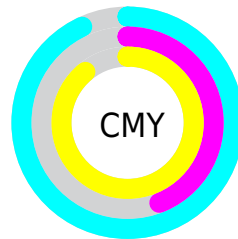
- Red (7%)
- Green (56%)
- Blue (11%)



- Red (7%)
- Yellow (53%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (81%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 138F1B 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 138F1B by changing the saturation by 10% instead.





138F1B



138F1B

FFFFFF



007500



5BC651



005B00



78E26B



004200



95FF86



002C00



B2FFA1



000B00



D0FFBD



000000



EEFFD9



FFFFFF6



138F1B



138F1B

■ 058F0E

■ 218F28

■ 008F09

■ 308F36

■ 3E8F43

■ 4C8F51

■ 5B8F5E

■ 698F6B

■ 778F79

■ 858F86

■ 948F93

# Harmonies

## Analogous

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



738300



138F1B



00955F

# Triad

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



138F1B



008AF5



E6335A

# Complementary

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



138F1B



8F1387

# 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.



DB3597



138F1B



2B76F2

# Square

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



138F1B



0094D6



AA57CF



D2521D

# Rectangle

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



138F1B



00968A



AA57CF



E62D6E



# Sweetspot

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



138F1B



8ABA8D



898F13



415E43



DEDEDE



5E5E5E



# Same Dimension

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



138F1B



00BA0C



138F57



404741



008709



000800



# Inverse Universe

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



8F1387



BA00AE



8F134B



474047



87007E

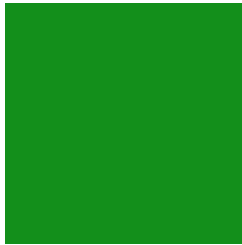


080007



# Previews

## White Background



This preview shows how the Hex color 138F1B looks on a white background.

## Color Contrast Check

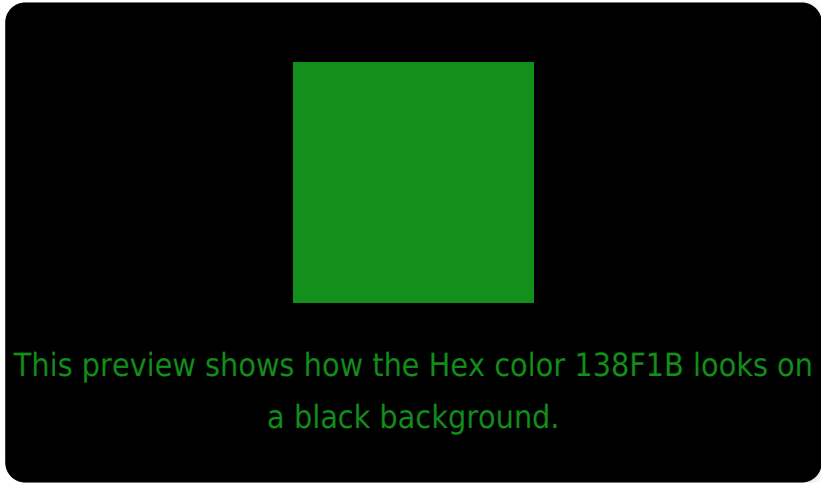
Large Text (above 18pt) WCAG AA ✓ Pass

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 138F1B Background



This preview shows how black text looks on a background with the Hex color 138F1B.



This preview shows how white text looks on a background with the Hex color 138F1B.

# 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**  
138F1B

**Protanopia**  
8A7B16

**Deuteranopia**  
997428



**Tritanopia**  
3E8590

# Trichromacy



**Original Color**

138F1B



**Protanomaly**

5F8218



**Deuteranomaly**

687E23



**Tritanomaly**

2E8965

# Monochromacy



**Original Color**

138F1B



**Achromatopsia**

5D5D5D



**Achromatomaly**

426F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 138F1B 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 #138F1B looks like.

```
.text, #text, p{  
    color:#138F1B  
}
```

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 #138F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138F1B
}
```

## Border

The CSS property to change the border of an element to Hex 138F1B 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
#138F1B }
```

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

```
.border{ border-color:#138F1B }
```

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

Here you see how a box with a 4 pixel #138F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138F1B; -webkit-box-shadow:4px 4px  
4px 4px #138F1B; box-shadow:4px 4px 4px  
4px #138F1B }
```

# Background

The CSS property to change the background color of an element to Hex 138F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138F1B }
```

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

```
.background{ background-color:#138F1B }
```

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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