

Converting Colors

Hex(198A1C)

Have a look what the booklet for
Hex(198A1C) contains.

Hex(198A1C)	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(198A1C)

Conversions

Conversions Part 1

Format	Color
Hex	198A1C
RGB	25, 138, 28
RGB Percent	10%, 54%, 11%
CMY	0.9020, 0.4588, 0.8902
CMYK	0.82, 0.00, 0.80, 0.46
HSL	122°, 69%, 32%
HSV	122°, 82%, 54%
XYZ	9.6990, 18.4675, 4.1520
YIQ	91.6730, -32.0380, -58.1660

Conversions

Conversions Part 2

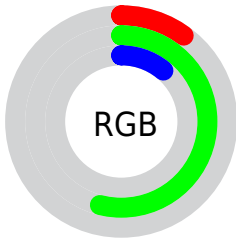
Format	Color
R_{YB}	25, 135, 138
Decimal	1673756
CIE _{Lab}	50.06, -51.08, 46.58
CIE _{LCh}	50, 69.129, 137.643
Yxy	18.4675, 0.3001, 0.5714
Android (android.graphics.Color)	4279863836 (0xFF198A1C)
YUV	91.6730, -31.3908, -58.4722
Hunter-Lab	42.9738, -34.9175, 24.3532

Details

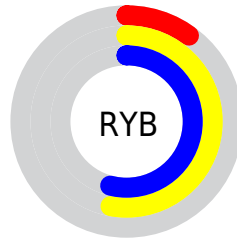
The Hex color **198A1C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A1987**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5CC151**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **0B8A0F**, and if you desaturate by 10%, it is **278A29**.

Distribution



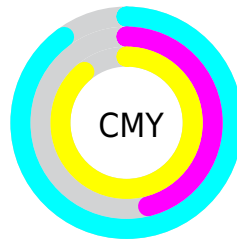
- Red (10%)
- Green (54%)
- Blue (11%)



- Red (10%)
- Yellow (53%)
- Blue (54%)



- Cyan (82%)
- Magenta (0%)
- Yellow (80%)
- Black (46%)



- Cyan (90%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198A1C 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 198A1C by changing the saturation by 10% instead.



198A1C



198A1C

FFFFFF



007000



5CC151



005600



79DD6B



003E00



96FA86



002800



B2FFA1



000000



D0FFBC



EDFFD9



FFFFFF6



198A1C



198A1C

■ 0B8A0F

■ 278A29

■ 008A04

■ 358A37

■ 428A44

■ 508A52

■ 5E8A5F

■ 6C8A6D

■ 7A8A7A

■ 878A87

■ 958A95

Harmonies

Analogous

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



707F00



198A1C



008F5C

Triad

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



198A1C



0085EB



DD3357

Complementary

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



198A1C



8A1987

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.



D33692



198A1C



2C72E8

Square

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



198A1C



008ECE



A455C7



CB501F

Rectangle

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



198A1C



009185



A455C7



DD2F6B

Sweetspot

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



198A1C



86B387



888A19



3E593F



D9D9D9



595959

Same Dimension

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



198A1C



04B308



198A53



3E453E



008504



000500

Inverse Universe

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



8A1987



B304AE



8A1950



453E45



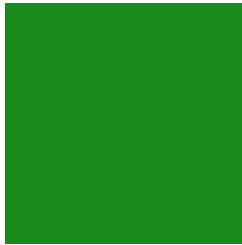
850081



050005

Previews

White Background



This preview shows how the Hex color 198A1C looks on a white background.

Color Contrast Check

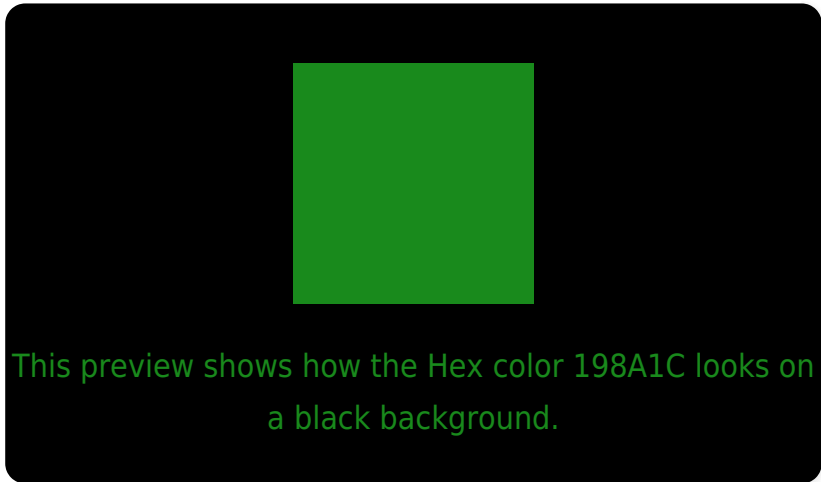
Large Text (above 18pt) WCAG AA ✓ Pass

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 198A1C Background



This preview shows how black text looks on a background with the Hex color 198A1C.



This preview shows how white text looks on a background with the Hex color 198A1C.

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
198A1C

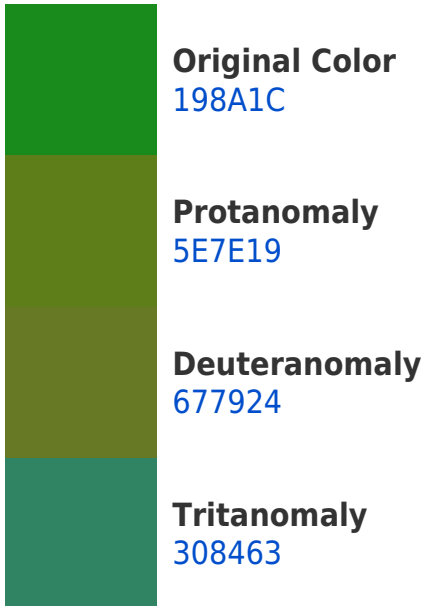
Protanopia
857717

Deuteranopia
947028

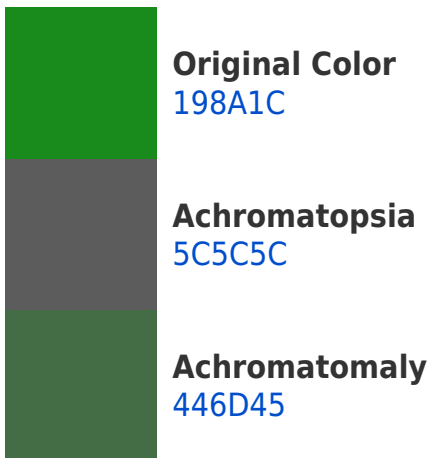


Tritanopia
3D818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 198A1C 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 #198A1C looks like.

```
.text, #text, p{  
    color:#198A1C  
}
```

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 #198A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198A1C
}
```

Border

The CSS property to change the border of an element to Hex 198A1C 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
#198A1C }
```

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

```
.border{ border-color:#198A1C }
```

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

Here you see how a box with a 4 pixel #198A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198A1C; -webkit-box-shadow:4px 4px  
4px 4px #198A1C; box-shadow:4px 4px 4px  
4px #198A1C }
```

Background

The CSS property to change the background color of an element to Hex 198A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198A1C }
```

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

```
.background{ background-color:#198A1C }
```

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