

Converting Colors

Hex(198F3B)

Have a look what the booklet for
Hex(198F3B) contains.

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Color

Hex(198F3B)

Conversions

Conversions Part 1

Format	Color
Hex	198F3B
RGB	25, 143, 59
RGB Percent	10%, 56%, 23%
CMY	0.9020, 0.4392, 0.7686
CMYK	0.83, 0.00, 0.59, 0.44
HSL	137°, 70%, 33%
HSV	137°, 83%, 56%
XYZ	11.0128, 20.1674, 7.4499
YIQ	98.1420, -43.3640, -51.1400

Conversions

Conversions Part 2

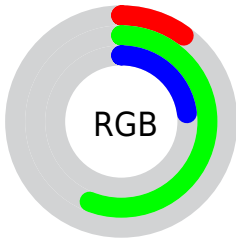
Format	Color
R_{YB}	25, 117, 143
Decimal	1675067
CIE _{Lab}	52.03, -49.46, 35.48
CIE _{LCh}	52, 60.871, 144.342
Y _{xy}	20.1674, 0.2851, 0.5221
Android (android.graphics.Color)	4279865147 (0xFF198F3B)
YUV	98.1420, -19.2970, -64.1455
Hunter-Lab	44.9081, -34.8157, 21.5999

Details

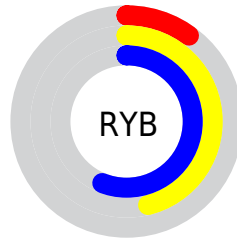
The Hex color **198F3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F196D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CC66D**, and **005B08** is the 20% darker color. If you saturate the color by 10%, you get **0B8F31**, and if you desaturate by 10%, it is **278F45**.

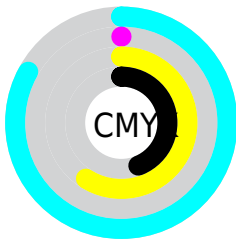
Distribution



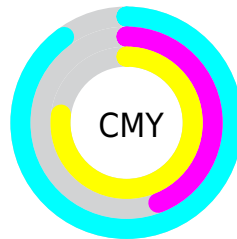
- Red (10%)
- Green (56%)
- Blue (23%)



- Red (10%)
- Yellow (46%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198F3B 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 198F3B by changing the saturation by 10% instead.

 198F3B

 198F3B

FFFFFF

 007523

 5CC66D

 005B08

 79E287

 004200

 95FFA1

 002D00

 B2FFBD

 000E00

 CFFFD9

 000000

 EDFFF6

 198F3B

 198F3B

 0B8F31

 278F45

■ 008F29

■ 368F4F

■ 448F5A

■ 528F64

■ 618F6E

■ 6F8F78

■ 7D8F82

■ 8B8F8C

■ 9A8F97

Harmonies

Analogous

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



6C8603



198F3B



009370

Triad

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



198F3B



0085E4



D74B54

Complementary

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



198F3B



8F196D

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.



D34788



198F3B



6772DC

Square

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



198F3B



0090D0



B15ABA



C36125

Rectangle

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



198F3B



009494



B15ABA



D94765

Sweetspot

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



198F3B



8CBA99



6E8F19



425E4A



DEDEDE



5E5E5E

Same Dimension

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



198F3B



02BA37



198F75



404742



008727



000802

Inverse Universe

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



8F196D



BA0285



8F1933



474045



870060



080005

Previews

White Background



This preview shows how the Hex color 198F3B looks on a white background.

Color Contrast Check

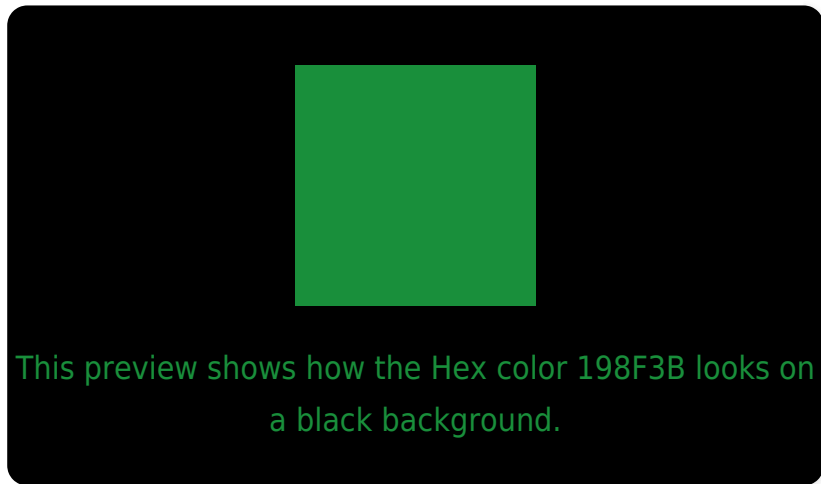
Large Text (above 18pt) WCAG AA ✓ Pass

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 198F3B Background



This preview shows how black text looks on a background with the Hex color 198F3B.



This preview shows how white text looks on a background with the Hex color 198F3B.

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
198F3B

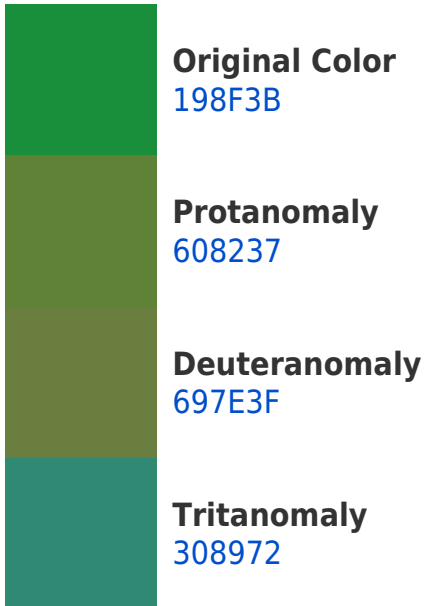
Protanopia
897B35

Deuteranopia
977542

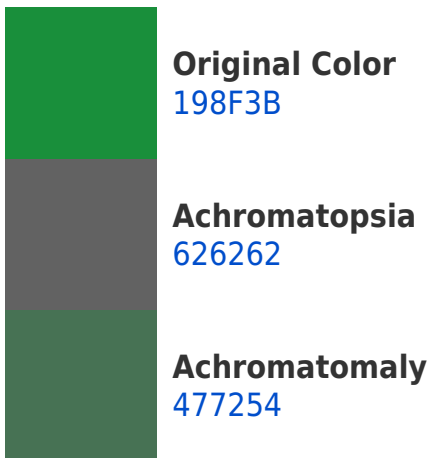


Tritanopia
3D8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 198F3B 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 #198F3B looks like.

```
.text, #text, p{  
    color:#198F3B  
}
```

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 #198F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198F3B
}
```

Border

The CSS property to change the border of an element to Hex 198F3B 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
#198F3B }
```

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

```
.border{ border-color:#198F3B }
```

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

Here you see how a box with a 4 pixel #198F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198F3B; -webkit-box-shadow:4px 4px  
4px 4px #198F3B; box-shadow:4px 4px 4px  
4px #198F3B }
```

Background

The CSS property to change the background color of an element to Hex 198F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198F3B }
```

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

```
.background{ background-color:#198F3B }
```

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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