

Converting Colors

Hex(188019)

Have a look what the booklet for
Hex(188019) contains.

Hex(188019)	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(188019)

Conversions

Conversions Part 1

Format	Color
Hex	188019
RGB	24, 128, 25
RGB Percent	9%, 50%, 10%
CMY	0.9059, 0.4980, 0.9020
CMYK	0.81, 0.00, 0.80, 0.50
HSL	121°, 68%, 30%
HSV	121°, 81%, 50%
XYZ	8.2713, 15.7027, 3.5147
YIQ	85.1620, -28.9210, -54.0810

Conversions

Conversions Part 2

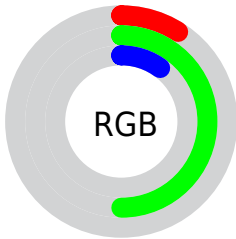
Format	Color
R_{YB}	24, 127, 128
Decimal	1605657
CIE Lab	46.58, -48.18, 44.22
CIE LCh	47, 65.395, 137.453
Yxy	15.7027, 0.3009, 0.5712
Android (android.graphics.Color)	4279795737 (0xFF188019)
YUV	85.1620, -29.6599, -53.6391
Hunter-Lab	39.6267, -32.0881, 22.4799

Details

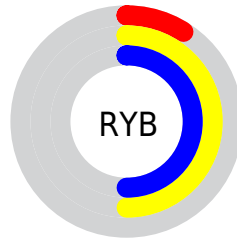
The Hex color **188019** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **80187F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **59B64D**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **0B800C**, and if you desaturate by 10%, it is **258026**.

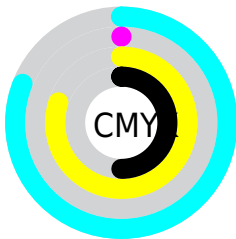
Distribution



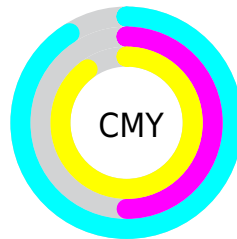
- Red (9%)
- Green (50%)
- Blue (10%)



- Red (9%)
- Yellow (50%)
- Blue (50%)



- Cyan (81%)
- Magenta (0%)
- Yellow (80%)
- Black (50%)



- Cyan (91%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188019 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 188019 by changing the saturation by 10% instead.

 188019

 188019

FFFFFF

 006600

 59B64D

 004D00

 75D267

 003500

 92EF81

 001F00

 AEFF9C

 000000

 CBFFB8

 E8FFD4

 FFFFF1

 188019

 188019

■ 0B800C

■ 258026

■ 008001

■ 328032

■ 3E803F

■ 4B804C

■ 588058

■ 658065

■ 728072

■ 7E807E

■ 8B808B

Harmonies

Analogous

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



687600



188019



008555

Triad

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



188019



007CDA



CE2F51

Complementary

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



188019



80187F

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.



C43288



188019



276AD8

Square

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



188019



0084BF



974FB9



BD4A1C

Rectangle

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



188019



00867B



974FB9



CE2B63

Sweetspot

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



188019



7EA67E



808018



3C543C



D4D4D4



545454

Same Dimension

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



188019



03A605



18804C



394039



008001



000000

Inverse Universe

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



80187F



A603A4



80184C



403940



80007E



000000

Previews

White Background



This preview shows how the Hex color 188019 looks on a white background.

Color Contrast Check

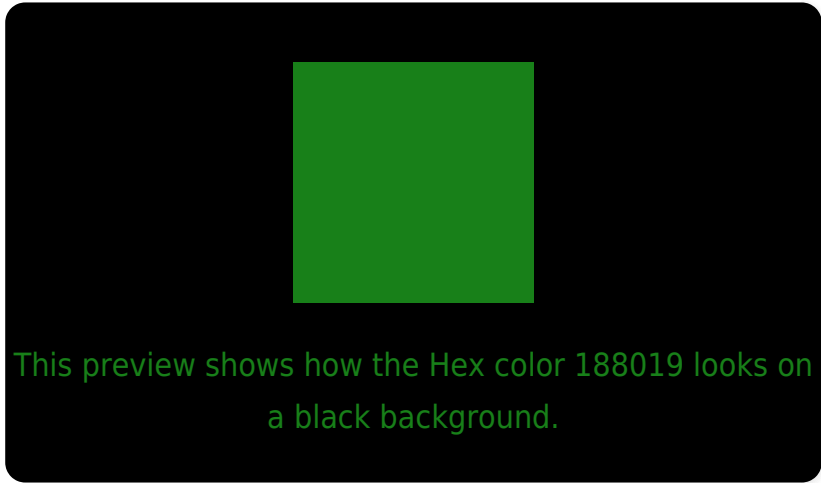
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 188019 Background



This preview shows how black text looks on a background with the Hex color 188019.



This preview shows how white text looks on a background with the Hex color 188019.

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
188019

Protanopia
7C6E14

Deuteranopia
896824



Tritanopia
397781

Trichromacy



Original Color

188019



Protanomaly

587516



Deuteranomaly

607120



Tritanomaly

2D7A5B

Monochromacy



Original Color

188019



Achromatopsia

555555



Achromatomaly

3F653F

CSS Examples

Text

The CSS property to change the color of the text to Hex 188019 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 #188019 looks like.

```
.text, #text, p{  
    color:#188019  
}
```

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 #188019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188019
}
```

Border

The CSS property to change the border of an element to Hex 188019 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
#188019 }
```

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

```
.border{ border-color:#188019 }
```

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

Here you see how a box with a 4 pixel #188019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188019; -webkit-box-shadow:4px 4px  
4px 4px #188019; box-shadow:4px 4px 4px  
4px #188019 }
```

Background

The CSS property to change the background color of an element to Hex 188019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188019 }
```

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

```
.background{ background-color:#188019 }
```

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