

Converting Colors

Hex(189B18)

Have a look what the booklet for
Hex(189B18) contains.

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Color

Hex(189B18)

Conversions

Conversions Part 1

Format	Color
Hex	189B18
RGB	24, 155, 24
RGB Percent	9%, 61%, 9%
CMY	0.9059, 0.3922, 0.9059
CMYK	0.85, 0.00, 0.85, 0.39
HSL	120°, 73%, 35%
HSV	120°, 85%, 61%
XYZ	12.2629, 23.7028, 4.7929
YIQ	100.8970, -36.0250, -68.5130

Conversions

Conversions Part 2

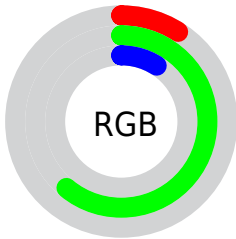
Format	Color
RYB	24, 155, 155
Decimal	1612568
CIELab	55.79, -56.78, 53.16
CIELCh	56, 77.782, 136.890
Yxy	23.7028, 0.3009, 0.5815
Android (android.graphics.Color)	4279802648 (0xFF189B18)
YUV	100.8970, -37.9102, -67.4387
Hunter-Lab	48.6855, -40.2392, 28.2430

Details

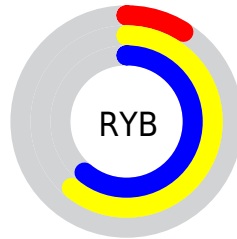
The Hex color **189B18** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9B189B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **61D351**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **089B08**, and if you desaturate by 10%, it is **289B28**.

Distribution



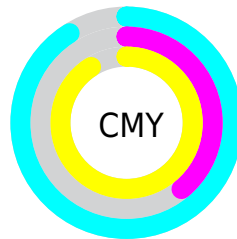
- Red (9%)
- Green (61%)
- Blue (9%)



- Red (9%)
- Yellow (61%)
- Blue (61%)



- Cyan (85%)
- Magenta (0%)
- Yellow (85%)
- Black (39%)



- Cyan (91%)
- Magenta (39%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189B18 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 189B18 by changing the saturation by 10% instead.



189B18



189B18

FFFFFF



008000



61D351



006600



7EEF6C



004D00



9CFF87



003500



B9FFA2



001D00



D7FFBE



000000



F5FFDB



FFFFFF8



189B18



189B18

089B08

289B28

009B00

379B37

469B46

569B56

659B65

759B75

849B84

949B94

A49BA4

Harmonies

Analogous

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



7E8E00



189B18



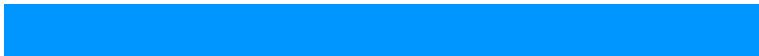
00A165

Triad

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



189B18



0096FF



FA3463

Complementary

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



189B18



9B189B

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.



EE38A6



189B18



1881FF

Square

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



189B18



00A0E8



B65FE3



E65721

Rectangle

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



189B18



00A394



B65FE3



FA2E79

Sweetspot

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



189B18



97C997



9B9B18



476647



E6E6E6



666666

Same Dimension

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



189B18



00C900



189B5A



454D45



008C00



000D00

Inverse Universe

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



9B189B



C900C9



9B185A



4D454D



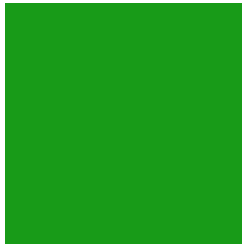
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 189B18 looks on a white background.

Color Contrast Check

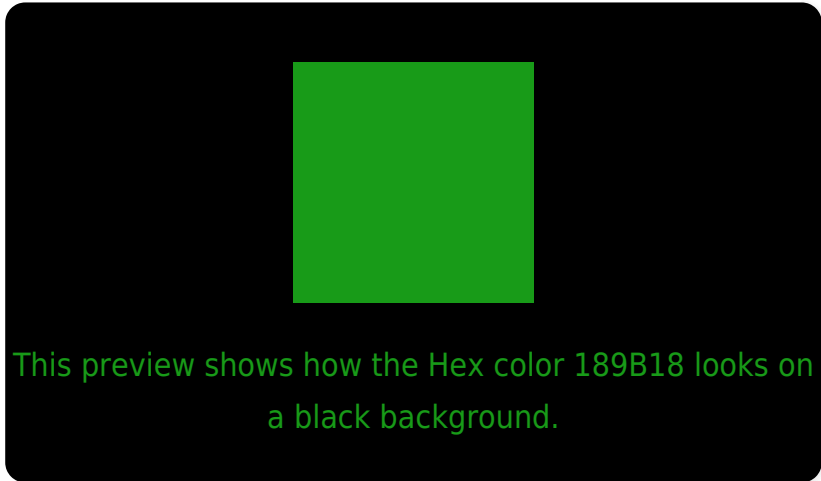
Large Text (above 18pt) WCAG AA ✓ Pass

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 189B18 Background



This preview shows how black text looks on a background with the Hex color 189B18.



This preview shows how white text looks on a background with the Hex color 189B18.

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
189B18

Protanopia
968512

Deuteranopia
A67E28



Tritanopia
44909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 189B18 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 #189B18 looks like.

```
.text, #text, p{  
    color:#189B18  
}
```

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 #189B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189B18
}
```

Border

The CSS property to change the border of an element to Hex 189B18 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
#189B18 }
```

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

```
.border{ border-color:#189B18 }
```

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

Here you see how a box with a 4 pixel #189B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189B18; -webkit-box-shadow:4px 4px  
4px 4px #189B18; box-shadow:4px 4px 4px  
4px #189B18 }
```

Background

The CSS property to change the background color of an element to Hex 189B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189B18 }
```

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

```
.background{ background-color:#189B18 }
```

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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