

Converting Colors

Hex(189D00)

Have a look what the booklet for
Hex(189D00) contains.

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Color

Hex(189D00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 189D00 |
| RGB | 24, 157, 0 |
| RGB Percent | 9%, 62%, 0% |
| CMY | 0.9059, 0.3843, 1.0000 |
| CMYK | 0.85, 0.00, 1.00, 0.38 |
| HSL | 111°, 100%, 31% |
| HSV | 111°, 100%, 62% |
| XYZ | 12.4337, 24.3081, 4.0366 |
| YIQ | 99.3350, -28.8710, -77.0230 |

Conversions

Conversions Part 2

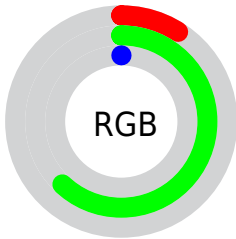
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 157, 133 |
| Decimal | 1613056 |
| CIELab | 56.39, -58.23, 58.13 |
| CIElCh | 56, 82.279, 135.048 |
| Yxy | 24.3081, 0.3049, 0.5961 |
| Android (android.graphics.Color) | 4279803136 (0xFF189D00) |
| YUV | 99.3350, -48.9722, -66.0688 |
| Hunter-Lab | 49.3033, -41.2653, 29.6580 |

Details

The Hex color **189D00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **85009D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **62D547**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **189D00**, and if you desaturate by 10%, it is **259D10**.

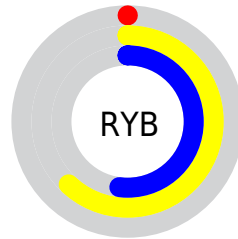
Distribution



Red (9%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (52%)

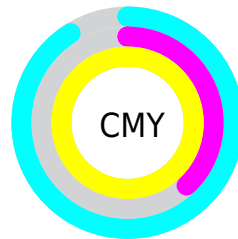


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (91%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189D00 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 189D00 by changing the saturation by 10% instead.

 189D00

 189D00

FFFFFF

 008200

 62D547

 006800

 80F262

 004F00

 9EFF7D

 003700

 BBFF99

 001E00

 D9FFB5

 000000

 F8FFD2

 FFFFEF

 189D00

 259D10

 339D1F

 409D2F

 4D9D3F

 5B9D4F

 689D5E

 759D6E

 829D7E

 909D8D

Harmonies

Analogous

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



838F00



189D00



00A45F

Triad

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



189D00



009AFF



FF2767

Complementary

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



189D00



85009D

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.



F332AE



189D00



0084FF

Square

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



189D00



00A4EC



B560EE



EE5220

Rectangle

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



189D00



00A692



B560EE



FF207E

Sweetspot

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



189D00



98CC8F



9D8300



476641



E6E6E6



666666

Same Dimension

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



189D00



1FCC00



009D34



484F47



168F00



020F00

Inverse Universe

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



85009D



AD00CC



9D0069



4E474F



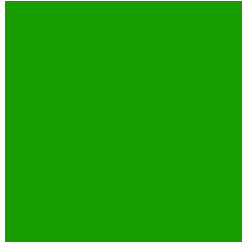
79008F



0D000F

Previews

White Background



This preview shows how the Hex color 189D00 looks on a white background.

Color Contrast Check

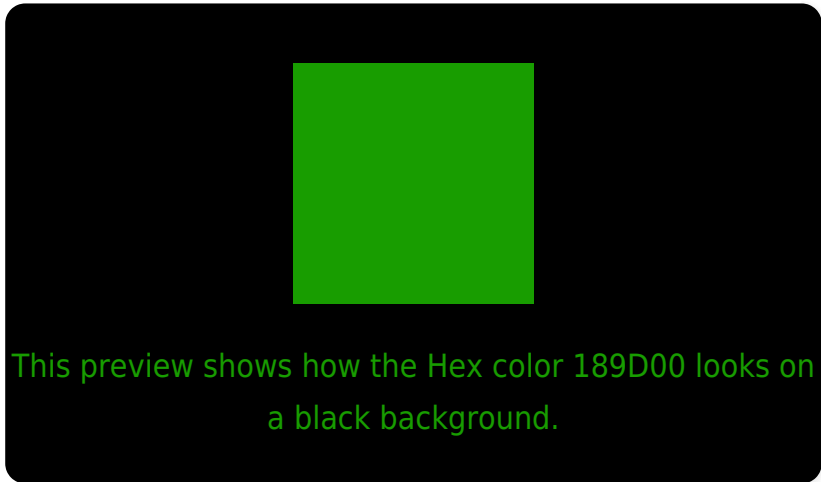
Large Text (above 18pt) WCAG AA ✓ Pass

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 189D00 Background



This preview shows how black text looks on a background with the Hex color 189D00.



This preview shows how white text looks on a background with the Hex color 189D00.

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
189D00

Protanopia
988700

Deuteranopia
A97F22



Tritanopia
45929E

Trichromacy



Original Color
189D00



Protanomaly
698F00



Deuteranomaly
748A16



Tritanomaly
359665

Monochromacy



Original Color
189D00



Achromatopsia
636363



Achromatomaly
48783F

CSS Examples

Text

The CSS property to change the color of the text to Hex 189D00 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 #189D00 looks like.

```
.text, #text, p{  
    color:#189D00  
}
```

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 #189D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189D00
}
```

Border

The CSS property to change the border of an element to Hex 189D00 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
#189D00 }
```

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

```
.border{ border-color:#189D00 }
```

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

Here you see how a box with a 4 pixel #189D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189D00; -webkit-box-shadow:4px 4px  
4px 4px #189D00; box-shadow:4px 4px 4px  
4px #189D00 }
```

Background

The CSS property to change the background color of an element to Hex 189D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189D00 }
```

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

```
.background{ background-color:#189D00 }
```

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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