

Converting Colors

Hex(189006)

Have a look what the booklet for
Hex(189006) contains.

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Color

Hex(189006)

Conversions

Conversions Part 1

Format	Color
Hex	189006
RGB	24, 144, 6
RGB Percent	9%, 56%, 2%
CMY	0.9059, 0.4353, 0.9765
CMYK	0.83, 0.00, 0.96, 0.44
HSL	112°, 92%, 29%
HSV	112°, 96%, 56%
XYZ	10.3828, 20.1539, 3.5151
YIQ	92.3880, -27.2220, -68.3580

Conversions

Conversions Part 2

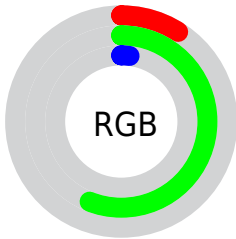
Format	Color
RYB	6, 144, 126
Decimal	1609734
CIELab	52.01, -54.13, 53.58
CIELCh	52, 76.163, 135.296
Yxy	20.1539, 0.3049, 0.5919
Android (android.graphics.Color)	4279799814 (0xFF189006)
YUV	92.3880, -42.5893, -59.9763
Hunter-Lab	44.8930, -37.2795, 26.7827

Details

The Hex color **189006** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7E0690**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5EC746**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **139000**, and if you desaturate by 10%, it is **259014**.

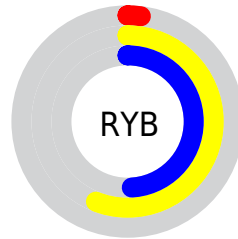
Distribution



Red (9%)

Green (56%)

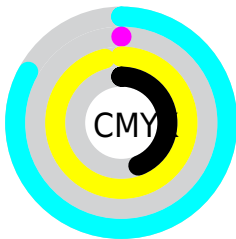
Blue (2%)



Red (2%)

Yellow (56%)

Blue (49%)

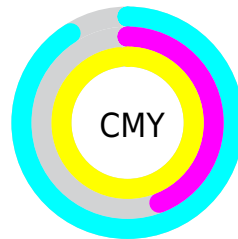


Cyan (83%)

Magenta (0%)

Yellow (96%)

Black (44%)



Cyan (91%)

Magenta (44%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189006 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 189006 by changing the saturation by 10% instead.

 189006

 189006

FFFFFF

 007600

 5EC746

 005C00

 7BE461

 004300

 99FF7C

 002D00

 B6FF97

 000D00

 D3FFB3

 000000

 F1FFCF

 FFFFEC

 189006

 189006

■ 139000

■ 259014

■ 319023

■ 3E9031

■ 4A9040

■ 57904E

■ 63905C

■ 70906B

■ 7C9079

■ 899088

Harmonies

Analogous

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



788300



189006



009658

Triad

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



189006



008DFB



EC275E

Complementary

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



189006



7E0690

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.



DE2F9F



189006



0079FC

Square

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



189006



0096D8



A758D9



DA4C1E

Rectangle

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



189006



009886



A758D9



EC2173

Sweetspot

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



189006



8BBA84



907E06



425E3D



DEDEDE



5E5E5E

Same Dimension

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



189006



18BA00



069039



414740



128700



010800

Inverse Universe

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



7E0690



A200BA



90065D



464047



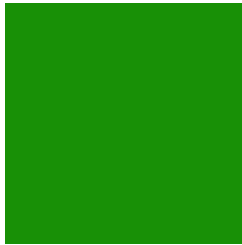
760087



070008

Previews

White Background



This preview shows how the Hex color 189006 looks on a white background.

Color Contrast Check

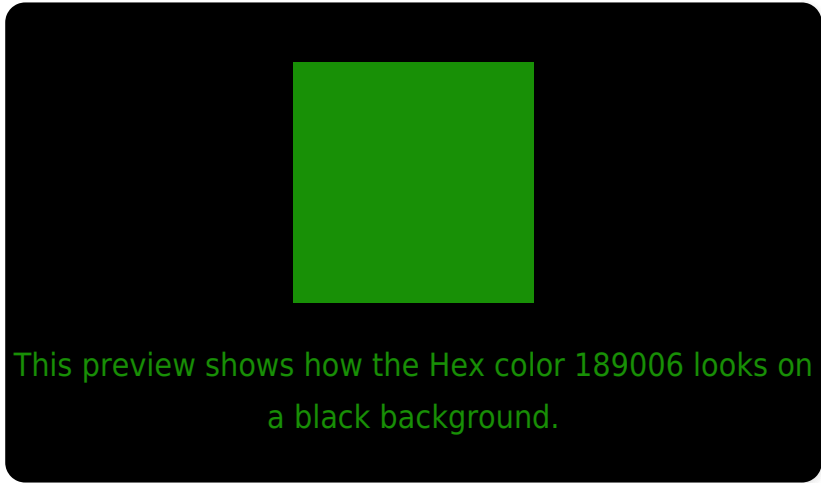
Large Text (above 18pt) WCAG AA ✓ Pass

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

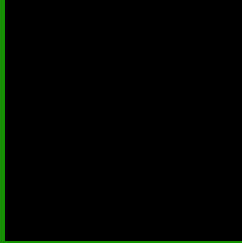
Any Text WCAG AA ✓ Pass

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 189006 Background



This preview shows how black text looks on a background with the Hex color 189006.



This preview shows how white text looks on a background with the Hex color 189006.

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
189006

Protanopia
8B7C00

Deuteranopia
9B751F



Tritanopia
408691

Trichromacy



Original Color
189006

Protanomaly
618302

Deuteranomaly
6B7F16

Tritanomaly
318A5E

Monochromacy



Original Color
189006

Achromatopsia
5C5C5C

Achromatomaly
436F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 189006 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 #189006 looks like.

```
.text, #text, p{  
    color:#189006  
}
```

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 #189006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189006
}
```

Border

The CSS property to change the border of an element to Hex 189006 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
#189006 }
```

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

```
.border{ border-color:#189006 }
```

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

Here you see how a box with a 4 pixel #189006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189006; -webkit-box-shadow:4px 4px  
4px 4px #189006; box-shadow:4px 4px 4px  
4px #189006 }
```

Background

The CSS property to change the background color of an element to Hex 189006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189006 }
```

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

```
.background{ background-color:#189006 }
```

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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