

Converting Colors

Hex(188C06)

Have a look what the booklet for
Hex(188C06) contains.

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Color

Hex(188C06)

Conversions

Conversions Part 1

Format	Color
Hex	188C06
RGB	24, 140, 6
RGB Percent	9%, 55%, 2%
CMY	0.9059, 0.4510, 0.9765
CMYK	0.83, 0.00, 0.96, 0.45
HSL	112°, 92%, 29%
HSV	112°, 96%, 55%
XYZ	9.7876, 18.9635, 3.3168
YIQ	90.0400, -26.1220, -66.2660

Conversions

Conversions Part 2

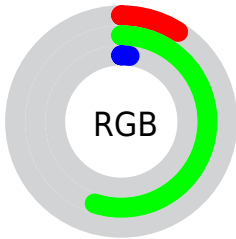
Format	Color
R _{YB}	6, 140, 122
Decimal	1608710
CIE Lab	50.64, -52.90, 52.44
CIE LCh	51, 74.490, 135.249
Yxy	18.9635, 0.3052, 0.5914
Android (android.graphics.Color)	4279798790 (0xFF188C06)
YUV	90.0400, -41.4317, -57.9171
Hunter-Lab	43.5471, -36.0878, 25.9672

Details

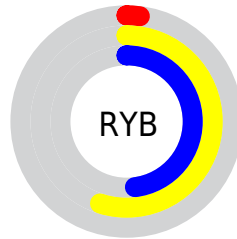
The Hex color **188C06** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7A068C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5DC345**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **138C00**, and if you desaturate by 10%, it is **248C14**.

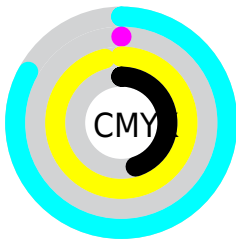
Distribution



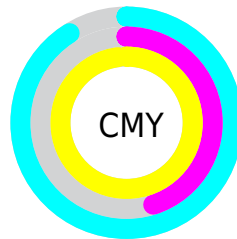
- Red (9%)
- Green (55%)
- Blue (2%)



- Red (2%)
- Yellow (55%)
- Blue (48%)



- Cyan (83%)
- Magenta (0%)
- Yellow (96%)
- Black (45%)



- Cyan (91%)
- Magenta (45%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188C06 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 188C06 by changing the saturation by 10% instead.

 188C06

 188C06

FFFFFF

 007200

 5DC345

 005800

 7ADF60

 004000

 97FC7B

 002A00

 B4FF96

 000400

 D2FFB1

 000000

 EFFFCE

 FFFFEB

 188C06

 188C06

■ 138C00

■ 248C14

■ 308C22

■ 3C8C30

■ 488C3E

■ 558C4C

■ 618C5A

■ 6D8C68

■ 798C76

■ 858C84

Harmonies

Analogous

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



748000



188C06



009256

Triad

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



188C06



0089F5



E6265B

Complementary

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



188C06



7A068C

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.



D82E9B



188C06



0076F5

Square

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



188C06



0092D2



A256D3



D44A1D

Rectangle

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



188C06



009482



A256D3



E52170

Sweetspot

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



188C06



88B581



8C7806



405C3C



DBDBDB



5C5C5C

Same Dimension

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



188C06



18B500



068C35



3F453E



128500



010500

Inverse Universe

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



7A068C



9D00B5



8C065D



443E45



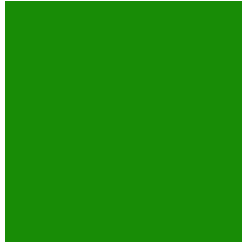
730085



040005

Previews

White Background



This preview shows how the Hex color 188C06 looks on a white background.

Color Contrast Check

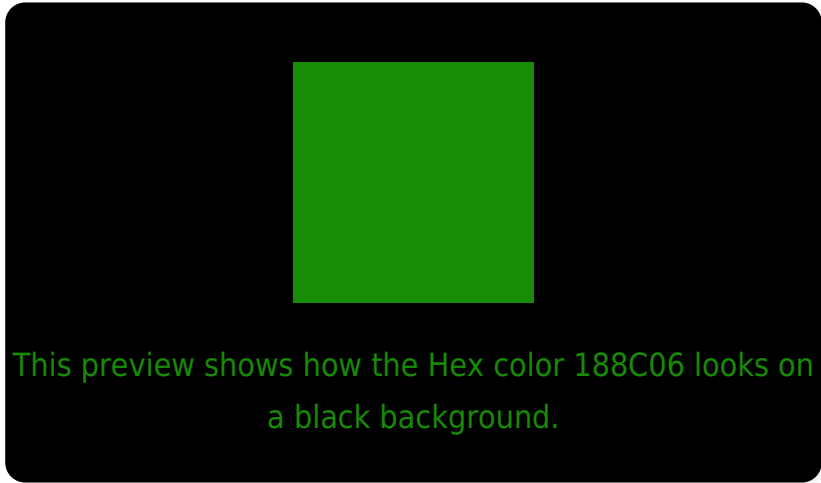
Large Text (above 18pt) WCAG AA ✓ Pass

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 188C06 Background



This preview shows how black text looks on a background with the Hex color 188C06.



This preview shows how white text looks on a background with the Hex color 188C06.

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
188C06

Protanopia
877800

Deuteranopia
97721F



Tritanopia
3E828D

Trichromacy



Original Color
188C06



Protanomaly
5F7F02



Deuteranomaly
697B16



Tritanomaly
30865C

Monochromacy



Original Color
188C06



Achromatopsia
5A5A5A



Achromatomaly
426C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 188C06 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 #188C06 looks like.

```
.text, #text, p{  
    color:#188C06  
}
```

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 #188C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188C06
}
```

Border

The CSS property to change the border of an element to Hex 188C06 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".

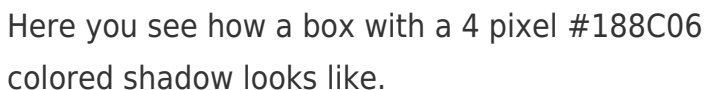
```
.border, #border, table{ border:4px solid
#188C06 }
```

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

```
.border{ border-color:#188C06 }
```

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

Here you see how a box with a 4 pixel #188C06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188C06; -webkit-box-shadow:4px 4px  
4px 4px #188C06; box-shadow:4px 4px 4px  
4px #188C06 }
```

Background

The CSS property to change the background color of an element to Hex 188C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188C06 }
```

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

```
.background{ background-color:#188C06 }
```

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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