

Converting Colors

Hex(198B00)

Have a look what the booklet for
Hex(198B00) contains.

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Color

Hex(198B00)

Conversions

Conversions Part 1

Format	Color
Hex	198B00
RGB	25, 139, 0
RGB Percent	10%, 55%, 0%
CMY	0.9020, 0.4549, 1.0000
CMYK	0.82, 0.00, 1.00, 0.45
HSL	109°, 100%, 27%
HSV	109°, 100%, 55%
XYZ	9.6335, 18.6719, 3.0963
YIQ	89.0680, -23.3250, -67.3970

Conversions

Conversions Part 2

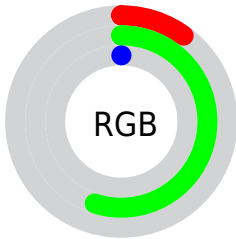
Format	Color
RYB	0, 139, 114
Decimal	1673984
CIELab	50.30, -52.66, 53.27
CIELCh	50, 74.901, 134.671
Yxy	18.6719, 0.3068, 0.5946
Android (android.graphics.Color)	4279864064 (0xFF198B00)
YUV	89.0680, -43.9105, -56.1876
Hunter-Lab	43.2110, -35.8242, 25.9993

Details

The Hex color **198B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **72008B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5DC242**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **198B00**, and if you desaturate by 10%, it is **248B0E**.

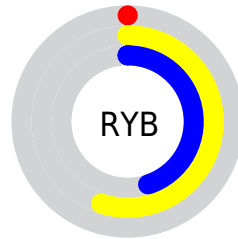
Distribution



Red (10%)

Green (55%)

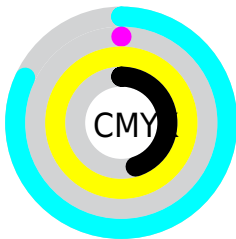
Blue (0%)



Red (0%)

Yellow (55%)

Blue (45%)

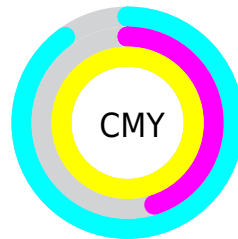


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (90%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198B00 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 198B00 by changing the saturation by 10% instead.

 198B00

 198B00

FFFFFF

 007100

 5DC242

 005700

 7ADE5D

 003F00

 97FB78

 002900

 B4FF93

 000200

 D2FFAF

 000000

 F0FFCB

 FFFFE8

 198B00

 248B0E

 308B1C

 3B8B2A

 478B38

 528B46

 5D8B53

 698B61

 748B6F

 808B7D

Harmonies

Analogous

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



747F00



198B00



009153

Triad

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



198B00



0089F4



E5235C

Complementary

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



198B00



72008B

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.



D72D9B



198B00



0075F5

Square

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



198B00



0091D1



9F55D4



D4481D

Rectangle

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



198B00



009380



9F55D4



E51D71

Sweetspot

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



198B00



89B57F



8B7200



415C3B



DBDBDB



5C5C5C

Same Dimension

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



198B00



21B500



008B2C



3F453E



188500



010500

Inverse Universe

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



72008B



9400B5



8B005F



443E45



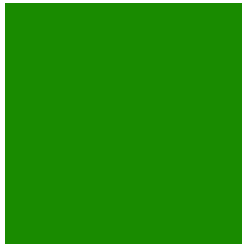
6D0085



040005

Previews

White Background



This preview shows how the Hex color 198B00 looks on a white background.

Color Contrast Check

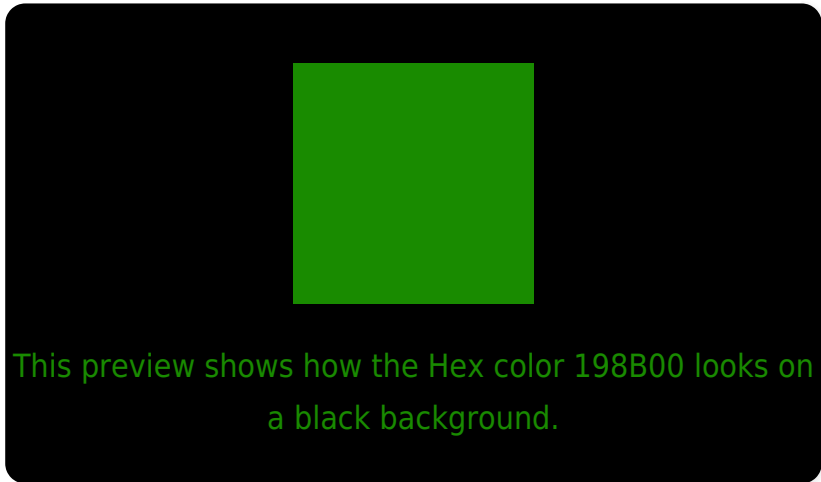
Large Text (above 18pt) WCAG AA ✓ Pass

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

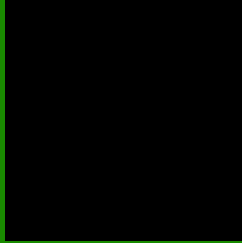
Any Text WCAG AA ✓ Pass

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 198B00 Background



This preview shows how black text looks on a background with the Hex color 198B00.



This preview shows how white text looks on a background with the Hex color 198B00.

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
198B00

Protanopia
867700

Deuteranopia
96711E



Tritanopia
3E818C

Trichromacy



Original Color
198B00



Protanomaly
5E7E00



Deuteranomaly
697A13



Tritanomaly
318559

Monochromacy



Original Color
198B00



Achromatopsia
595959



Achromatomaly
426B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 198B00 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 #198B00 looks like.

```
.text, #text, p{  
    color:#198B00  
}
```

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 #198B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198B00  
}
```

Border

The CSS property to change the border of an element to Hex 198B00 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".

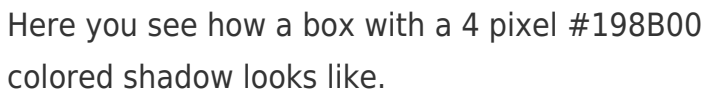
```
.border, #border, table{ border:4px solid  
#198B00 }
```

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

```
.border{ border-color:#198B00 }
```

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

Here you see how a box with a 4 pixel #198B00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198B00; -webkit-box-shadow:4px 4px  
4px 4px #198B00; box-shadow:4px 4px 4px  
4px #198B00 }
```

Background

The CSS property to change the background color of an element to Hex 198B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198B00 }
```

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

```
.background{ background-color:#198B00 }
```

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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