

Converting Colors

Hex(1B8C04)

Have a look what the booklet for
Hex(1B8C04) contains.

Hex(1B8C04)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B8C04)

Conversions

Conversions Part 1

Format	Color
Hex	1B8C04
RGB	27, 140, 4
RGB Percent	11%, 55%, 2%
CMY	0.8941, 0.4510, 0.9843
CMYK	0.81, 0.00, 0.97, 0.45
HSL	110°, 94%, 28%
HSV	110°, 97%, 55%
XYZ	9.8520, 18.9979, 3.2626
YIQ	90.7090, -23.6920, -66.2520

Conversions

Conversions Part 2

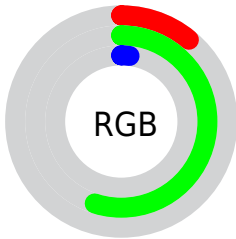
Format	Color
R_{YB}	4, 140, 117
Decimal	1805316
CIE Lab	50.68, -52.56, 52.85
CIE LCh	51, 74.541, 134.841
Yxy	18.9979, 0.3068, 0.5916
Android (android.graphics.Color)	4279995396 (0xFF1B8C04)
YUV	90.7090, -42.7475, -55.8728
Hunter-Lab	43.5866, -35.9298, 26.0726

Details

The Hex color **1B8C04** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **75048C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5EC344**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **188C00**, and if you desaturate by 10%, it is **278C12**.

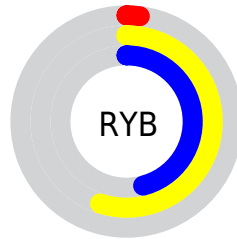
Distribution



Red (11%)

Green (55%)

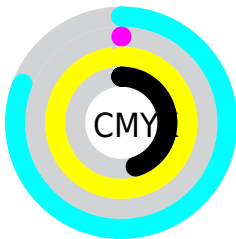
Blue (2%)



Red (2%)

Yellow (55%)

Blue (46%)

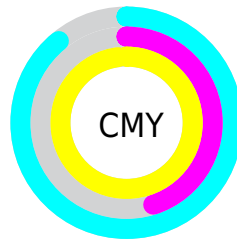


Cyan (81%)

Magenta (0%)

Yellow (97%)

Black (45%)



Cyan (89%)

Magenta (45%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8C04 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 1B8C04 by changing the saturation by 10% instead.

 1B8C04

 1B8C04

FFFFFF

 007200

 5EC344

 005800

 7CDF5F

 004000

 98FC7A

 002A00

 B6FF95

 000500

 D3FFB1

 000000

 F1FFCD

 FFFFEA

 1B8C04

 1B8C04

■ 188C00

■ 278C12

■ 328C20

■ 3E8C2E

■ 4A8C3C

■ 558C4A

■ 618C58

■ 6C8C66

■ 788C74

■ 848C82

Harmonies

Analogous

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



758000



1B8C04



009255

Triad

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



1B8C04



0089F5



E6265C

Complementary

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



1B8C04



75048C

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.



D82F9C



1B8C04



0076F5

Square

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



1B8C04



0092D2



A156D4



D5491E

Rectangle

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



1B8C04



009482



A156D4



E52171

Sweetspot

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



1B8C04



89B581



8C7304



415C3C



DBDBDB



5C5C5C

Same Dimension

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



1B8C04



1FB500



048C2F



3F453E



168500



010500

Inverse Universe

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



75048C



9600B5



8C0461



443E45



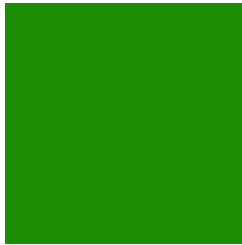
6E0085



040005

Previews

White Background



This preview shows how the Hex color 1B8C04 looks on a white background.

Color Contrast Check

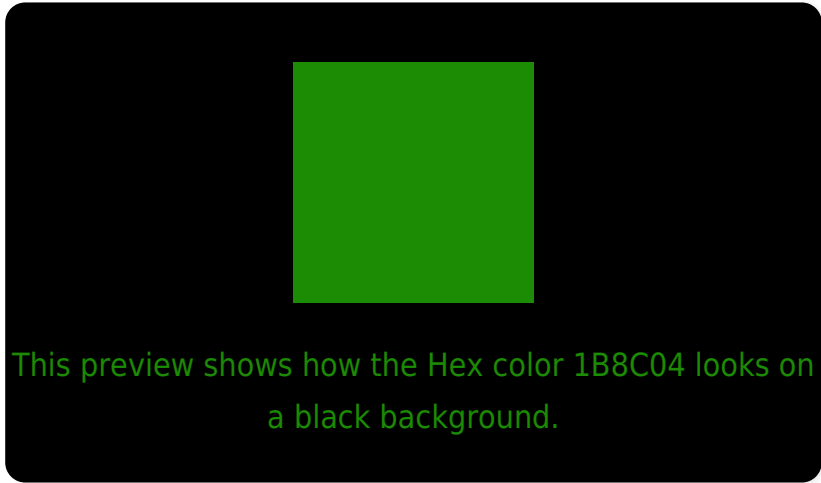
Large Text (above 18pt) WCAG AA ✓ Pass

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

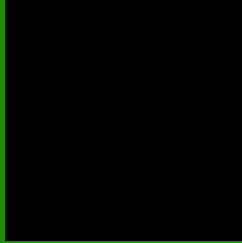
Any Text WCAG AA ✓ Pass

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 1B8C04 Background



This preview shows how black text looks on a background with the Hex color 1B8C04.



This preview shows how white text looks on a background with the Hex color 1B8C04.

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
1B8C04

Protanopia
877800

Deuteranopia
97721E



Tritanopia
3F828D

Trichromacy



Original Color
1B8C04



Protanomaly
607F01



Deuteranomaly
6A7B15



Tritanomaly
32865B

Monochromacy



Original Color
1B8C04



Achromatopsia
5B5B5B



Achromatomaly
446D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8C04 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 #1B8C04 looks like.

```
.text, #text, p{  
    color:#1B8C04  
}
```

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 #1B8C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8C04
}
```

Border

The CSS property to change the border of an element to Hex 1B8C04 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".

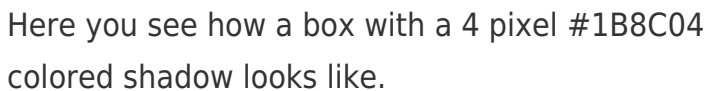
```
.border, #border, table{ border:4px solid
#1B8C04 }
```

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

```
.border{ border-color:#1B8C04 }
```

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

Here you see how a box with a 4 pixel #1B8C04 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8C04; -webkit-box-shadow:4px 4px  
4px 4px #1B8C04; box-shadow:4px 4px 4px  
4px #1B8C04 }
```

Background

The CSS property to change the background color of an element to Hex 1B8C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8C04 }
```

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

```
.background{ background-color:#1B8C04 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor