

# Converting Colors

Hex(1D8C04)

Have a look what the booklet for  
Hex(1D8C04) contains.

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# Color

Hex(1D8C04)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D8C04
RGB	29, 140, 4
RGB Percent	11%, 55%, 2%
CMY	0.8863, 0.4510, 0.9843
CMYK	0.79, 0.00, 0.97, 0.45
HSL	109°, 94%, 28%
HSV	109°, 97%, 55%
XYZ	9.9067, 19.0261, 3.2651
YIQ	91.3070, -22.5000, -65.8280

# Conversions

## Conversions Part 2

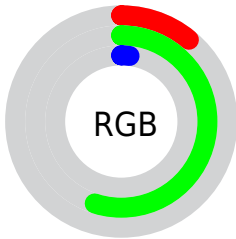
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 140, 115
Decimal	1936388
CIELab	50.72, -52.27, 52.89
CIELCh	51, 74.364, 134.660
Yxy	19.0261, 0.3077, 0.5909
Android (android.graphics.Color)	4280126468 (0xFF1D8C04)
YUV	91.3070, -43.0424, -54.6432
Hunter-Lab	43.6190, -35.7925, 26.0951

# Details

The Hex color **1D8C04** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **73048C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FC344**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **1A8C00**, and if you desaturate by 10%, it is **288C12**.

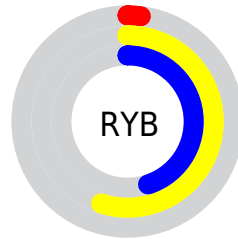
# Distribution



Red (11%)

Green (55%)

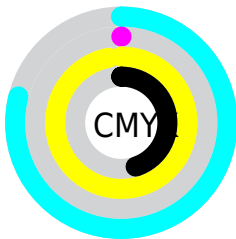
Blue (2%)



Red (2%)

Yellow (55%)

Blue (45%)

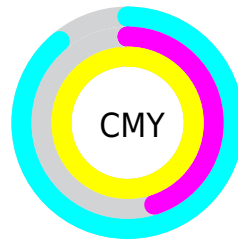


Cyan (79%)

Magenta (0%)

Yellow (97%)

Black (45%)



Cyan (89%)

Magenta (45%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D8C04 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 1D8C04 by changing the saturation by 10% instead.





1D8C04



1D8C04

FFFFFF



007200



5FC344



005800



7CDF5F



004000



99FC7A



002A00



B6FF95



000500



D4FFB1



000000



F2FFCD



FFFFEA



1D8C04



1D8C04

■ 1A8C00

■ 288C12

■ 348C20

■ 3F8C2E

■ 4B8C3C

■ 568C4A

■ 628C58

■ 6D8C66

■ 788C74

■ 848C82

# Harmonies

## Analogous

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



768000



1D8C04



009255

# Triad

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



1D8C04



0089F4



E6265D

# Complementary

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



1D8C04



73048C

# 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.



D8309C



1D8C04



0076F5

# Square

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



1D8C04



0092D1



A057D4



D5491F

# Rectangle

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



1D8C04



009481



A057D4



E52172



# Sweetspot

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



1D8C04



8AB581



8C7104



425C3C



DBDBDB



5C5C5C



# Same Dimension

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



1D8C04



21B500



048C2D



3F453E



188500



010500



# Inverse Universe

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



73048C



9400B5



8C0463



443E45



6C0085

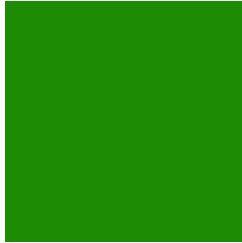


040005



# Previews

## White Background



This preview shows how the Hex color 1D8C04 looks on a white background.

## Color Contrast Check

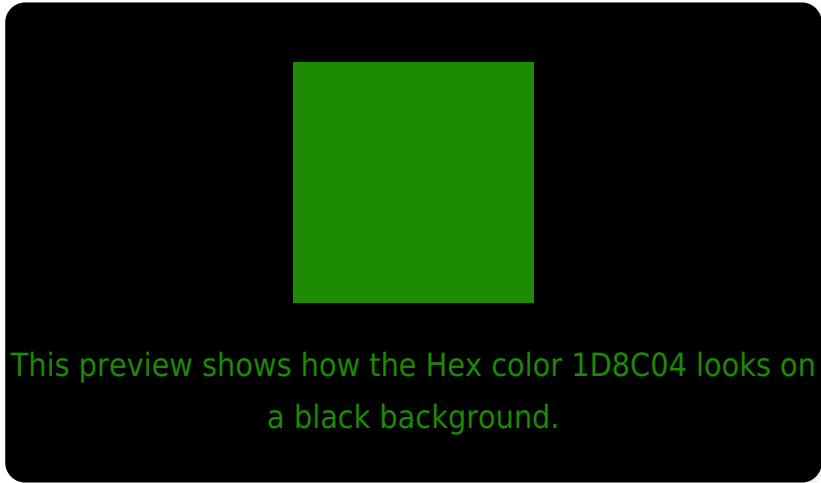
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D8C04 Background



This preview shows how black text looks on a background with the Hex color 1D8C04.



This preview shows how white text looks on a background with the Hex color 1D8C04.

# 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**  
1D8C04

**Protanopia**  
877800

**Deuteranopia**  
97721E



**Tritanopia**  
40828D

# Trichromacy



**Original Color**

1D8C04



**Protanomaly**

607F01



**Deuteranomaly**

6B7B15



**Tritanomaly**

33865B

# Monochromacy



**Original Color**

1D8C04



**Achromatopsia**

5B5B5B



**Achromatomaly**

446D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D8C04 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 #1D8C04 looks like.

```
.text, #text, p{  
    color:#1D8C04  
}
```

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 #1D8C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8C04
}
```

## Border

The CSS property to change the border of an element to Hex 1D8C04 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
#1D8C04 }
```

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

```
.border{ border-color:#1D8C04 }
```

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

Here you see how a box with a 4 pixel #1D8C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8C04; -webkit-box-shadow:4px 4px  
4px 4px #1D8C04; box-shadow:4px 4px 4px  
4px #1D8C04 }
```

# Background

The CSS property to change the background color of an element to Hex 1D8C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8C04 }
```

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

```
.background{ background-color:#1D8C04 }
```

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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