

# Converting Colors

Hex(1A8F00)

Have a look what the booklet for  
Hex(1A8F00) contains.

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# Color

Hex(1A8F00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A8F00
RGB	26, 143, 0
RGB Percent	10%, 56%, 0%
CMY	0.8980, 0.4392, 1.0000
CMYK	0.82, 0.00, 1.00, 0.44
HSL	109°, 100%, 28%
HSV	109°, 100%, 56%
XYZ	10.2485, 19.8645, 3.2941
YIQ	91.7150, -23.8290, -69.2770

# Conversions

## Conversions Part 2

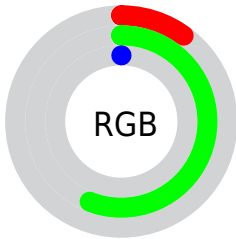
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 117
Decimal	1740544
CIELab	51.68, -53.76, 54.38
CIELCh	52, 76.464, 134.672
Yxy	19.8645, 0.3068, 0.5946
Android (android.graphics.Color)	4279930624 (0xFF1A8F00)
YUV	91.7150, -45.2155, -57.6321
Hunter-Lab	44.5696, -36.9521, 26.8167

# Details

The Hex color **1A8F00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **75008F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FC643**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **1A8F00**, and if you desaturate by 10%, it is **268F0E**.

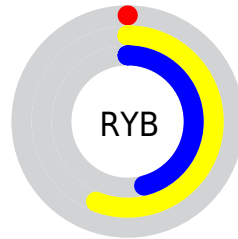
# Distribution



Red (10%)

Green (56%)

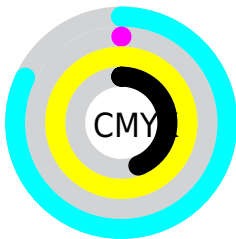
Blue (0%)



Red (0%)

Yellow (56%)

Blue (46%)

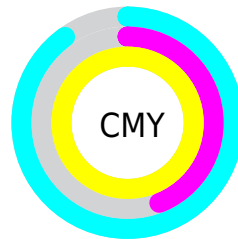


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (90%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A8F00 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 1A8F00 by changing the saturation by 10% instead.



 1A8F00

 1A8F00

FFFFFF

 007500

 5FC643

 005B00

 7CE25E

 004200

 99FF79

 002C00

 B7FF94

 000B00

 D4FFB0

 000000

 F2FFCD

 FFFFE9

 1A8F00

 268F0E

 318F1D

 3D8F2B

 498F39

 548F48

 608F56

 6C8F64

 788F72

 838F81

# Harmonies

## Analogous

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



788200



1A8F00



009556

# Triad

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



1A8F00



008CFB



EC245E

# Complementary

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



1A8F00



75008F

# 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.



DD2EA0



1A8F00



0079FC

# Square

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



1A8F00



0095D7



A458D9



DA4A1E

# Rectangle

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



1A8F00



009784



A458D9



EB1E74



# Sweetspot

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



1A8F00



8CBA82



8F7500



435E3C



DEDEDE



5E5E5E



# Same Dimension

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



1A8F00



22BA00



008F2D



424740



198700



010800



# Inverse Universe

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



75008F



9800BA



8F0062



464047



6F0087

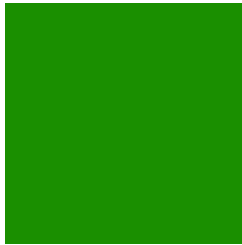


060008



# Previews

## White Background



This preview shows how the Hex color 1A8F00 looks on a white background.

## Color Contrast Check

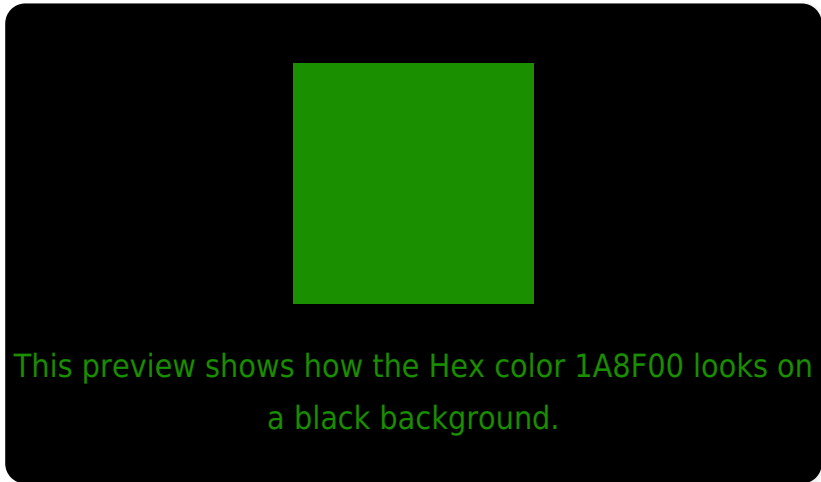
Large Text (above 18pt) WCAG AA ✓ Pass

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

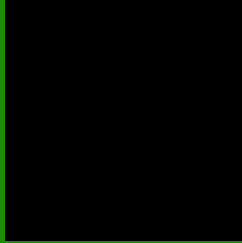
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A8F00 Background



This preview shows how black text looks on a background with the Hex color 1A8F00.

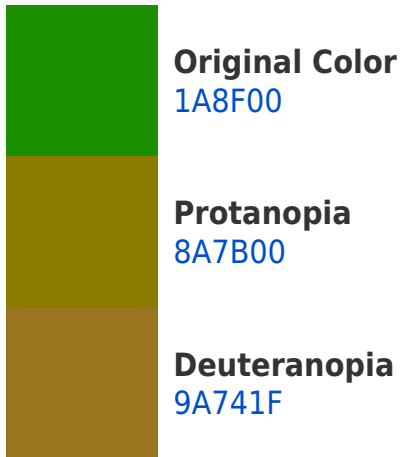


This preview shows how white text looks on a background with the Hex color 1A8F00.

# 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





**Tritanopia**  
408590

# Trichromacy



**Original Color**  
1A8F00



**Protanomaly**  
618200



**Deuteranomaly**  
6B7E14



**Tritanomaly**  
32895C

# Monochromacy



**Original Color**  
1A8F00



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
446F3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A8F00 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 #1A8F00 looks like.

```
.text, #text, p{  
    color:#1A8F00  
}
```

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 #1A8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8F00
}
```

## Border

The CSS property to change the border of an element to Hex 1A8F00 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".

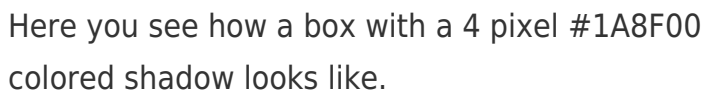
```
.border, #border, table{ border:4px solid
#1A8F00 }
```

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

```
.border{ border-color:#1A8F00 }
```

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

Here you see how a box with a 4 pixel #1A8F00 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 #1A8F00; -webkit-box-shadow:4px 4px  
4px 4px #1A8F00; box-shadow:4px 4px 4px  
4px #1A8F00 }
```

# Background

The CSS property to change the background color of an element to Hex 1A8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8F00 }
```

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

```
.background{ background-color:#1A8F00 }
```

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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