

Converting Colors

Hex(1F9500)

Have a look what the booklet for
Hex(1F9500) contains.

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Color

Hex(1F9500)

Conversions

Conversions Part 1

Format	Color
Hex	1F9500
RGB	31, 149, 0
RGB Percent	12%, 58%, 0%
CMY	0.8784, 0.4157, 1.0000
CMYK	0.79, 0.00, 1.00, 0.42
HSL	108°, 100%, 29%
HSV	108°, 100%, 58%
XYZ	11.3125, 21.7862, 3.6089
YIQ	96.7320, -22.4990, -71.3550

Conversions

Conversions Part 2

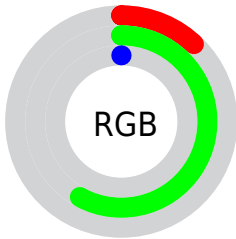
Format	Color
RYB	0, 149, 118
Decimal	2069760
CIELab	53.80, -54.91, 56.10
CIElCh	54, 78.501, 134.387
Yxy	21.7862, 0.3082, 0.5935
Android (android.graphics.Color)	4280259840 (0xFF1F9500)
YUV	96.7320, -47.6889, -57.6470
Hunter-Lab	46.6757, -38.4204, 28.0887

Details

The Hex color **1F9500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **760095**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **63CC45**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **1F9500**, and if you desaturate by 10%, it is **2B950F**.

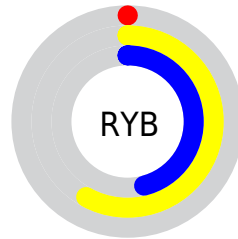
Distribution



Red (12%)

Green (58%)

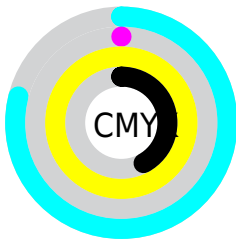
Blue (0%)



Red (0%)

Yellow (58%)

Blue (46%)

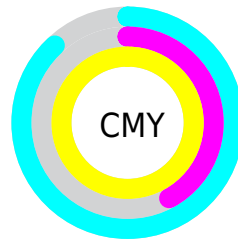


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (88%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9500 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 1F9500 by changing the saturation by 10% instead.

 1F9500

 1F9500

FFFFFF

 007A00

 63CC45

 006100

 80E960

 004800

 9EFF7B

 003100

 BBFF96

 001600

 D9FFB2

 000000

 F7FFCF

 FFFFEC

 1F9500

 2B950F

 37951E

 42952D

 4E953C

 5A954B

 669559

 729568

 7D9577

 899586

Harmonies

Analogous

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



7E8800



1F9500



009B59

Triad

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



1F9500



0093FF



F52763

Complementary

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



1F9500



760095

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.



E632A7



1F9500



007EFF

Square

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



1F9500



009CDF



AA5CE3



E34D21

Rectangle

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



1F9500



009D89



AA5CE3



F4227A

Sweetspot

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



1F9500



94C288



957500



45613E



E0E0E0



616161

Same Dimension

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



1F9500



28C200



00952A



444A43



1D8A00



020A00

Inverse Universe

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



760095



9900C2



95006B



48434A



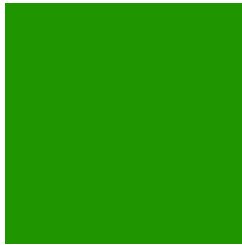
6D008A



08000A

Previews

White Background



This preview shows how the Hex color 1F9500 looks on a white background.

Color Contrast Check

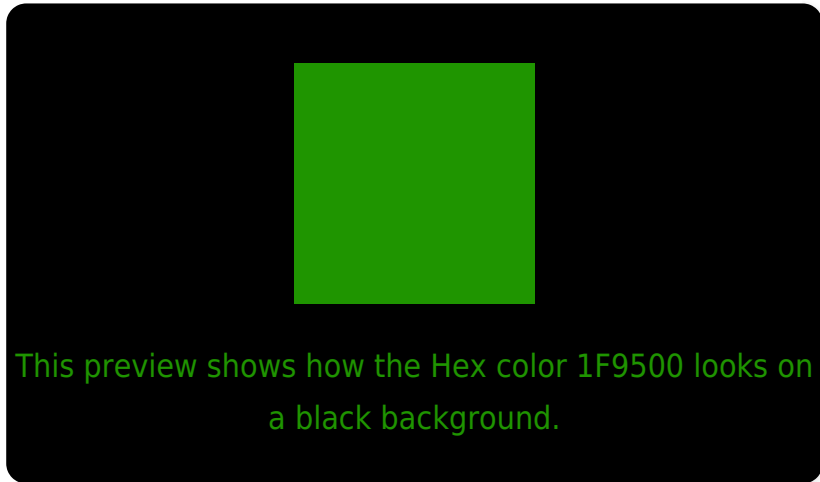
Large Text (above 18pt) WCAG AA ✓ Pass

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

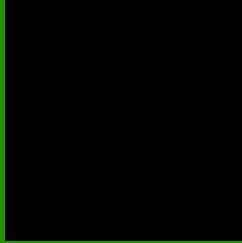
Any Text WCAG AA ✓ Pass

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 1F9500 Background



This preview shows how black text looks on a background with the Hex color 1F9500.

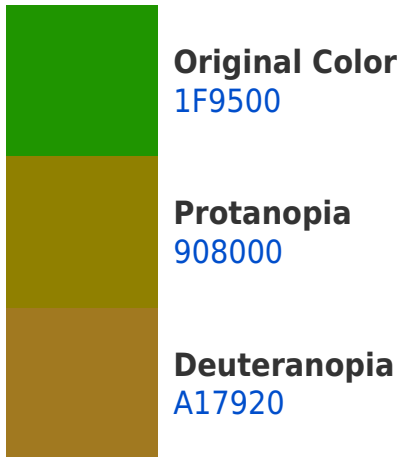


This preview shows how white text looks on a background with the Hex color 1F9500.

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](#).

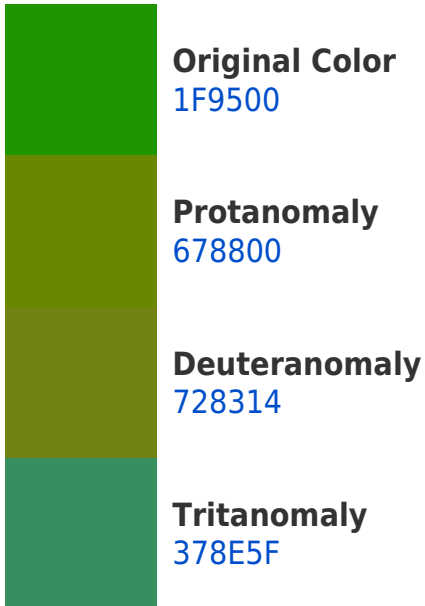
Dichromacy



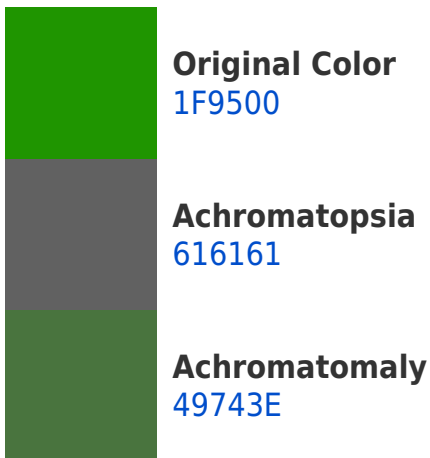


Tritanopia
448A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9500 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 #1F9500 looks like.

```
.text, #text, p{  
    color:#1F9500  
}
```

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 #1F9500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9500
}
```

Border

The CSS property to change the border of an element to Hex 1F9500 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".

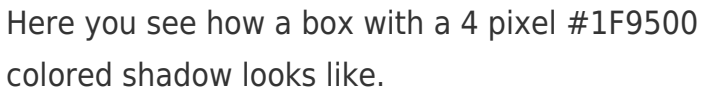
```
.border, #border, table{ border:4px solid
#1F9500 }
```

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

```
.border{ border-color:#1F9500 }
```

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

Here you see how a box with a 4 pixel #1F9500 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9500; -webkit-box-shadow:4px 4px  
4px 4px #1F9500; box-shadow:4px 4px 4px  
4px #1F9500 }
```

Background

The CSS property to change the background color of an element to Hex 1F9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9500 }
```

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

```
.background{ background-color:#1F9500 }
```

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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