

Converting Colors

HunterLab(51.0425, -7.3673,
33.1383)

Have a look what the booklet for
HunterLab(51.0425, -7.3673,
33.1383) contains.

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Color

**HunterLab(51.1147, -6.7700,
31.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8C00
RGB	159, 140, 0
RGB Percent	62%, 55%, 0%
CMY	0.3765, 0.4510, 1.0000
CMYK	0.00, 0.12, 1.00, 0.38
HSL	53°, 100%, 31%
HSV	53°, 100%, 62%
XYZ	23.6762, 26.1271, 3.7952
YIQ	129.7210, 56.2640, -39.5120

Conversions

Conversions Part 2

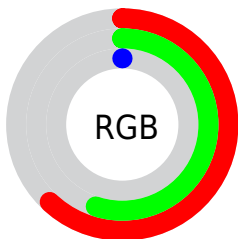
Format	Color
R _Y B	22, 159, 0
Decimal	10456064
CIE Lab	58.16, -5.05, 62.53
CIE LCh	58, 62.729, 94.613
Yxy	26.1284, 0.4417, 0.4875
Android (android.graphics.Color)	4288646144 (0xFF9F8C00)
YUV	129.7210, -63.9525, 25.6777
Hunter-Lab	51.1147, -6.7700, 31.3781

Details

The HunterLab color **51.1147, -6.7700, 31.3781** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17.2314, 37.0861, -101.5936**, and the grayscale version is **47.3666, -2.5274, 2.5735**.

A 20% lighter version of the original color is **73.0300, -8.5482, 40.1469**, and **31.9310, -4.1719, 19.6027** is the 20% darker color. If you saturate the color by 10%, you get **51.1155, -6.7716, 31.3786**, and if you desaturate by 10%, it is **51.6967, -7.4301, 31.1670**.

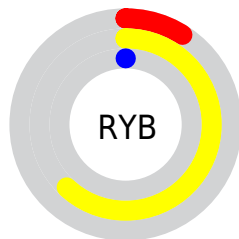
Distribution



Red (62%)

Green (55%)

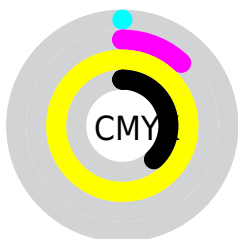
Blue (0%)



Red (9%)

Yellow (62%)

Blue (0%)

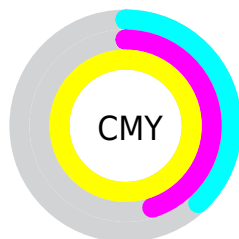


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1147, -6.7700, 31.3781 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 HunterLab color 51.1147, -6.7700, 31.3781 by changing the saturation by 10% instead.

51.1147, -6.7700,
31.3781

51.1147, -6.7700,
31.3781

168.3484,
-15.0578, 66.4504

41.1336, -5.9472,
26.6113

73.1314, -8.4759,
40.2181

31.9018, -5.1379,
21.9070

85.0857, -9.3567,
44.3474

23.4875, -4.3400,
16.4413

97.6285, -10.2573,
48.3183

15.9796, -3.5460,
11.1857

110.7334,
-11.1778, 52.1525

9.5044, -2.8227,
6.6531

124.3774,
-12.1183, 55.8686

0.0000, NaN, NaN

0.0000, NaN, NaN

138.5397,

-13.0785, 59.4819

0.0000, NaN, NaN

153.2022,
-14.0584, 63.0056

0.0000, NaN, NaN

51.1147, -6.7700,
31.3781

51.1147, -6.7700,
31.3781

51.1155, -6.7716,
31.3786

51.6967, -7.4301,
31.1670

52.3080, -7.9343,
30.5593

52.9607, -8.2225,
29.3946

53.6583, -8.2748,
27.6234

54.4033, -8.0771,
25.2134

■ 55.1974, -7.6202,
22.1443

■ 56.0418, -6.8988,
18.4062

■ 56.9373, -5.9109,
13.9975

■ 57.8840, -4.6572,
8.9234

Harmonies

Analogous

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



51.1159, 21.0522, 30.0858



51.1147, -6.7700, 31.3781



51.1159, -28.6190, 28.7870

Triad

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



51.1159, -6.7721, 31.3785



51.1159, -38.3284, -33.2086



51.1159, 52.0567, -22.7269

Complementary

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



51.1147, -6.7700, 31.3781



17.2314, 37.0861, -101.5936

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.



51.1159, 29.6244, -55.5012



51.1147, -6.7700, 31.3781



51.1159, -22.8292, -63.4173

Square

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



51.1159, -6.7721, 31.3785



51.1159, -44.3153, -1.2801



51.1159, 1.4414, -73.1611



51.1159, 58.7641, 6.5366

Rectangle

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



51.1147, -6.7700, 31.3781



51.1159, -38.0499, 23.6740



51.1159, 1.4414, -73.1611



51.1159, 45.9084, -34.0905

Sweetspot

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



51.1159, -6.7721, 31.3785



74.9311, -9.2978, 24.9456



27.2508, 46.8670, 16.0464



35.3622, -4.6131, 12.8291



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.1159, -6.7721, 31.3785



68.2674, -8.8434, 41.9112



52.4841, -31.5405, 31.7879



27.5409, -2.1633, 4.0467



45.4718, -6.0877, 27.9129



6.3573, -1.2432, 3.8956

Inverse Universe

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



17.2314, 37.0861, -101.5936



22.7257, 50.9369, -138.3632



18.4721, 45.1814, -93.1068



25.6059, -0.5760, -1.3819



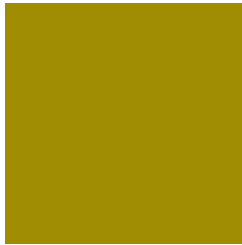
15.4269, 32.5245, -89.4933



2.7392, 2.2584, -8.2991

Previews

White Background



This preview shows how the HunterLab color 51.1147, -6.7700, 31.3781 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



This preview shows how the HunterLab color 51.1147, -6.7700, 31.3781 looks on a 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](#).

HunterLab 51.1147, -6.7700, 31.3781 Background



This preview shows how black text looks on a background with the HunterLab color 51.1147, -6.7700, 31.3781.



This preview shows how white text looks on a background with the HunterLab color 51.1147, -6.7700,

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

51.1147, -6.7700, 31.3781

Protanopia

51.0193, -7.1012, 31.2468

Deuteranopia

51.1494, 3.3869, 30.9626



Tritanopia

51.0629, 10.8005, 2.8454

Trichromacy



Original Color

51.1147, -6.7700, 31.3781

Protanomaly

51.0171, -7.1131, 31.2786

Deuteranomaly

51.1650, -0.7783, 31.1471

Tritanomaly

50.6596, 1.6820, 20.1844

Monochromacy



Original Color

51.1147, -6.7700, 31.3781

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.3088, -6.6839, 19.6068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1147, -6.7700, 31.3781 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 `rgb(159, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 0)  
}
```

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 rgb(159, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1147, -6.7700, 31.3781 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 rgb(159, 140, 0) }
```


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

```
.border{ border-color:rgb(159, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1147, -6.7700, 31.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 0) }
```

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

```
.background{ background-color: rgb(159,  
140, 0) }
```

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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