

Converting Colors

HunterLab(49.4800, -10.2998,
32.9346)

Have a look what the booklet for
HunterLab(49.4800, -10.2998,
32.9346) contains.

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Color

**HunterLab(49.5646, -9.3704,
30.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	958A00
RGB	149, 138, 0
RGB Percent	58%, 54%, 0%
CMY	0.4157, 0.4588, 1.0000
CMYK	0.00, 0.07, 1.00, 0.42
HSL	56°, 100%, 29%
HSV	56°, 100%, 58%
XYZ	21.4829, 24.5665, 3.6096
YIQ	125.5570, 50.8540, -40.5860

Conversions

Conversions Part 2

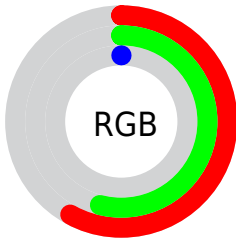
Format	Color
R _Y B	12, 149, 0
Decimal	9800192
CIE Lab	56.65, -8.58, 61.01
CIE LCh	57, 61.611, 98.006
Yxy	24.5677, 0.4326, 0.4947
Android (android.graphics.Color)	4287990272 (0xFF958A00)
YUV	125.5570, -61.8996, 20.5595
Hunter-Lab	49.5646, -9.3704, 30.3774

Details

The HunterLab color **49.5646, -9.3704, 30.3774** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15.5225, 36.5962, -98.3997**, and the grayscale version is **45.7251, -2.4398, 2.4843**.

A 20% lighter version of the original color is **71.3839, -11.3036, 39.1122**, and **30.8617, -6.6469, 18.9005** is the 20% darker color. If you saturate the color by 10%, you get **49.5655, -9.3721, 30.3780**, and if you desaturate by 10%, it is **49.9190, -9.6649, 30.0578**.

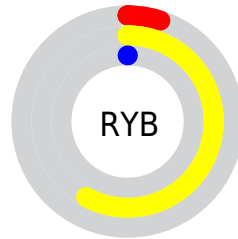
Distribution



Red (58%)

Green (54%)

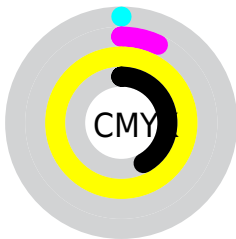
Blue (0%)



Red (5%)

Yellow (58%)

Blue (0%)

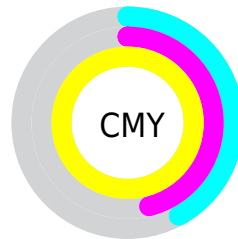


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5646, -9.3704, 30.3774 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 49.5646, -9.3704, 30.3774 by changing the saturation by 10% instead.

■ 49.5646, -9.3704,
30.3774

■ 49.5646, -9.3704,
30.3774

166.0355,
-19.0851, 64.8796

■ 39.6929, -8.3375,
25.6730

■ 71.3828, -11.4524,
39.0872

■ 30.5796, -7.2983,
21.1099

■ 83.2458, -12.5047,
43.1509

■ 22.2955, -6.2440,
15.6069

■ 95.7017, -13.5681,
47.0566

■ 14.9339, -5.1550,
10.4537

■ 108.7235,
-14.6437, 50.8266

■ 8.5813, -4.8155,
6.0069

■ 122.2876,
-15.7327, 54.4795

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.3731,

-16.8356, 58.0310

0.0000, NaN, NaN

150.9613,
-17.9530, 61.4940

0.0000, NaN, NaN

49.5646, -9.3704,
30.3774

49.5646, -9.3704,
30.3774

49.5655, -9.3721,
30.3780

49.9190, -9.6649,
30.0578

50.2970, -9.8227,
29.3878

50.7109, -9.7844,
28.2079

51.1641, -9.5302,
26.4686

51.6593, -9.0459,
24.1344

■ 52.1987, -8.3210,
21.1807

■ 52.7836, -7.3488,
17.5922

■ 53.4154, -6.1256,
13.3612

■ 54.0948, -4.6502,
8.4868

Harmonies

Analogous

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



49.5658, 17.3445, 29.5464



49.5646, -9.3704, 30.3774



49.5658, -29.6562, 27.3455

Triad

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



49.5658, -9.3723, 30.3777



49.5658, -36.0069, -36.0681



49.5658, 52.2803, -18.4421

Complementary

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



49.5646, -9.3704, 30.3774



15.5225, 36.5962, -98.3997

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.



49.5658, 31.7661, -50.7865



49.5646, -9.3704, 30.3774



49.5658, -19.8999, -64.0823

Square

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



49.5658, -9.3723, 30.3777



49.5658, -42.8437, -4.3385



49.5658, 4.4564, -70.5273



49.5658, 56.7005, 8.8336

Rectangle

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



49.5646, -9.3704, 30.3774



49.5658, -38.1088, 21.7613



49.5658, 4.4564, -70.5273



49.5658, 46.8617, -29.4040

Sweetspot

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



49.5658, -9.3723, 30.3777



70.5872, -9.9243, 23.8633



25.3325, 43.4891, 15.5246



33.0867, -4.9195, 12.1309



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.5658, -9.3723, 30.3777



66.2442, -12.4102, 40.6021



48.4945, -30.8657, 29.3413



25.8305, -2.1571, 3.8502



45.4926, -8.6293, 27.8812



5.2048, -1.2131, 3.1860

Inverse Universe

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



15.5225, 36.5962, -98.3997



20.5142, 50.0365, -133.6554



17.8807, 42.7528, -82.5154



23.8698, -0.4046, -1.3688



14.3070, 33.3030, -89.7742



1.9671, 2.3700, -7.5748

Previews

White Background



This preview shows how the HunterLab color 49.5646, -9.3704, 30.3774 looks on a white background.

Color Contrast Check

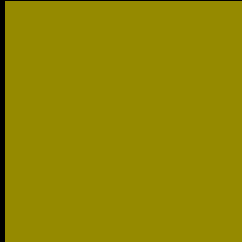
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5646, -9.3704, 30.3774 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 49.5646, -9.3704, 30.3774 Background



This preview shows how black text looks on a background with the HunterLab color 49.5646, -9.3704, 30.3774.

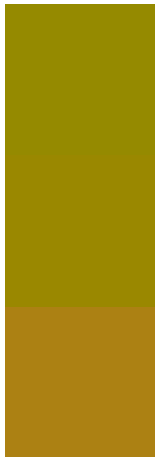


This preview shows how white text looks on a background with the HunterLab color 49.5646, -9.3704,

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

49.5646, -9.3704, 30.3774

Protanopia

49.4756, -6.7387, 30.3687

Deuteranopia

49.5158, 3.4017, 29.8333



Tritanopia

49.4383, 8.1204, 1.7695

Trichromacy



Original Color

49.5646, -9.3704, 30.3774

Protanomaly

49.5648, -7.8886, 30.4035

Deuteranomaly

49.4182, -1.1387, 30.0140

Tritanomaly

49.0685, -0.9673, 19.0631

Monochromacy



Original Color

49.5646, -9.3704, 30.3774

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.4896, -7.3984, 18.8380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5646, -9.3704, 30.3774 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(149, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 138, 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(149, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5646, -9.3704, 30.3774 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(149, 138, 0) }
```


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

```
.border{ border-color:rgb(149, 138, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5646, -9.3704, 30.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 138, 0) }
```

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

```
.background{ background-color: rgb(149,  
138, 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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