

Converting Colors

HunterLab(51.4369, -8.4894,
30.8869)

Have a look what the booklet for
HunterLab(51.4369, -8.4894,
30.8869) contains.

HunterLab(51.4369, -8.4894, 30.8869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.4369, -8.4894,
30.8869)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E12
RGB	156, 142, 18
RGB Percent	61%, 56%, 7%
CMY	0.3882, 0.4431, 0.9294
CMYK	0.00, 0.09, 0.88, 0.39
HSL	54°, 79%, 34%
HSV	54°, 88%, 61%
XYZ	23.4924, 26.4575, 4.4409
YIQ	132.0500, 48.1480, -35.5960

Conversions

Conversions Part 2

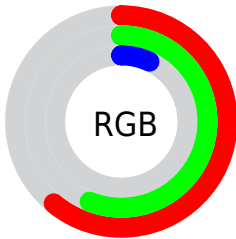
Format	Color
R_{YB}	34, 156, 18
Decimal	10259986
CIE _{Lab}	58.47, -7.20, 59.55
CIE _{LCh}	58, 59.984, 96.897
Yxy	26.4588, 0.4319, 0.4864
Android (android.graphics.Color)	4288450066 (0xFF9C8E12)
YUV	132.0500, -56.2266, 21.0042
Hunter-Lab	51.4369, -8.4894, 30.8869

Details

The HunterLab color **51.4369, -8.4894, 30.8869** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18.8736, 30.9700, -86.6326**, and the grayscale version is **48.2578, -2.5749, 2.6219**.

A 20% lighter version of the original color is **73.4006, -10.2095, 39.2282**, and **32.2816, -5.6549, 19.7927** is the 20% darker color. If you saturate the color by 10%, you get **50.9440, -7.9914, 31.1711**, and if you desaturate by 10%, it is **51.9640, -8.8250, 30.1724**.

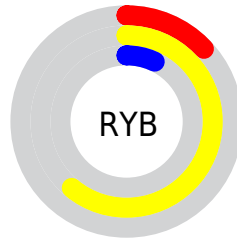
Distribution



Red (61%)

Green (56%)

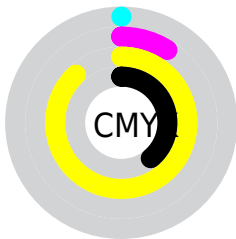
Blue (7%)



Red (13%)

Yellow (61%)

Blue (7%)

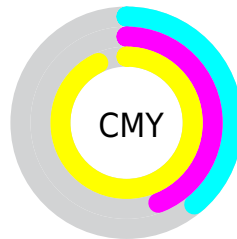


Cyan (0%)

Magenta (9%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4369, -8.4894, 30.8869 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 51.4369, -8.4894, 30.8869 by changing the saturation by 10% instead.

51.4369, -8.4894,
30.8869

51.4369, -8.4894,
30.8869

168.8275,
-17.6596, 64.4432

41.4333, -7.5388,
26.3267

73.4944, -10.4260,
39.3324

32.1773, -6.5905,
21.6509

85.4674, -11.4125,
43.2778

23.7363, -5.6392,
16.6154

98.0281, -12.4137,
47.0737

16.1985, -4.6715,
11.3390

111.1502,
-13.4304, 50.7413

9.6887, -3.7749,
6.7821

124.8105,
-14.4630, 54.2984

0.0000, NaN, NaN

0.0000, NaN, NaN

138.9887,

-15.5120, 57.7599

0.0000, NaN, NaN

153.6665,
-16.5775, 61.1380

0.0000, NaN, NaN

51.4369, -8.4894,
30.8869

51.4369, -8.4894,
30.8869

50.9440, -7.9914,
31.1711

51.9640, -8.8250,
30.1724

50.8685, -7.9108,
31.2064

52.5297, -8.9455,
28.9063

53.1387, -8.8340,
27.0418

53.7935, -8.4768,
24.5468

54.4959, -7.8649,
21.4006

■ 55.2472, -6.9927,
17.5924

■ 56.0482, -5.8579,
13.1190

■ 56.8993, -4.4608,
7.9842

■ 57.8008, -2.8040,
2.1975

Harmonies

Analogous

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



51.4381, 17.8919, 29.8475



51.4369, -8.4894, 30.8869



51.4381, -28.9480, 27.8453

Triad

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



51.4381, -8.4914, 30.8873



51.4381, -36.3170, -33.7114



51.4381, 50.4309, -19.0141

Complementary

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



51.4369, -8.4894, 30.8869



18.8736, 30.9700, -86.6326

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.



51.4381, 30.0441, -50.0561



51.4369, -8.4894, 30.8869



51.4381, -20.5713, -61.0372

Square

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



51.4381, -8.4914, 30.8873



51.4381, -42.8640, -3.1081



51.4381, 3.2603, -68.1451



51.4381, 55.3905, 8.0809

Rectangle

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



51.4369, -8.4894, 30.8869



51.4381, -37.6498, 22.2840



51.4381, 3.2603, -68.1451



51.4381, 44.9860, -29.6547

Sweetspot

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



51.4381, -8.4914, 30.8873



74.5536, -9.2979, 23.1910



27.5986, 43.6532, 14.5018



34.8194, -4.5565, 11.6887



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.4381, -8.4914, 30.8873



68.4343, -10.4720, 41.9855



51.6818, -29.6457, 30.6702



27.5778, -2.2236, 4.0857



46.1985, -7.2284, 28.3408



6.4144, -1.3296, 3.9292

Inverse Universe

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



18.8736, 30.9700, -86.6326



22.1012, 51.4692, -138.7319



20.4185, 41.2739, -78.0249



25.5698, -0.5149, -1.4272



15.1800, 33.4804, -91.2482



2.6275, 2.5502, -8.7892

Previews

White Background



This preview shows how the HunterLab color 51.4369, -8.4894, 30.8869 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 51.4369, -8.4894, 30.8869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

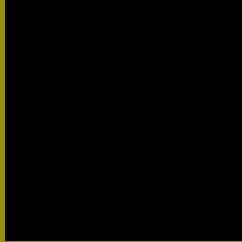
Any Text WCAG AA ✓ Pass

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 51.4369, -8.4894, 30.8869 Background



This preview shows how black text looks on a background with the HunterLab color 51.4369, -8.4894, 30.8869.



This preview shows how white text looks on a background with the HunterLab color 51.4369, -8.4894,

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

51.4369, -8.4894, 30.8869

Protanopia

51.4435, -6.9858, 30.9174

Deuteranopia

51.1785, 3.5425, 30.5325



Tritanopia

51.3303, 9.0838, 2.2290

Trichromacy



Original Color

51.4369, -8.4894, 30.8869

Protanomaly

51.3445, -7.3390, 30.8489

Deuteranomaly

51.0894, -0.9724, 30.5831

Tritanomaly

51.0377, 0.4269, 18.3188

Monochromacy



Original Color

51.4369, -8.4894, 30.8869

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.0167, -6.8399, 18.1122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4369, -8.4894, 30.8869 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(156, 142, 18)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 18)  
}
```

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(156, 142, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4369, -8.4894, 30.8869 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(156, 142, 18) }
```


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

```
.border{ border-color:rgb(156, 142, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 142, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 18);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4369, -8.4894, 30.8869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 18) }
```

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

```
.background{ background-color: rgb(156,  
142, 18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor