

Converting Colors

HunterLab(49.3840, -14.5265,
29.8656)

Have a look what the booklet for
HunterLab(49.3840, -14.5265,
29.8656) contains.

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Color

**HunterLab(49.3840,
-14.5266, 29.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	898D09
RGB	137, 141, 9
RGB Percent	54%, 55%, 4%
CMY	0.4627, 0.4470, 0.9647
CMYK	0.03, 0.00, 0.94, 0.45
HSL	62°, 88%, 29%
HSV	62°, 94%, 55%
XYZ	19.8907, 24.3878, 3.9174
YIQ	124.7560, 39.9880, -41.9000

Conversions

Conversions Part 2

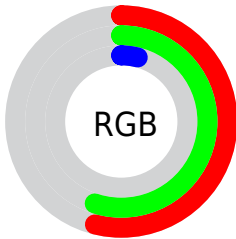
Format	Color
RYB	9, 141, 13
Decimal	9014537
CIELab	56.48, -15.54, 58.93
CIELCh	56, 60.943, 104.771
Yxy	24.3889, 0.4127, 0.5060
Android (android.graphics.Color)	4287204617 (0xFF898D09)
YUV	124.7560, -57.0677, 10.7380
Hunter-Lab	49.3840, -14.5266, 29.8656

Details

The HunterLab color $49.3840, -14.5266, 29.8656$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $14.8475, 34.9936, -90.8718$, and the grayscale version is $45.3963, -2.4222, 2.4665$.

A 20% lighter version of the original color is $71.0872, -17.0762, 38.2474$, and $30.5306, -10.6995, 18.6255$ is the 20% darker color. If you saturate the color by 10%, you get $49.3418, -14.7297, 30.1463$, and if you desaturate by 10%, it is $49.4649, -14.1461, 29.2537$.

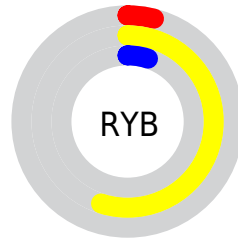
Distribution



Red (54%)

Green (55%)

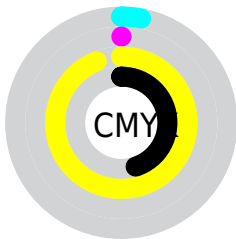
Blue (4%)



Red (4%)

Yellow (55%)

Blue (5%)

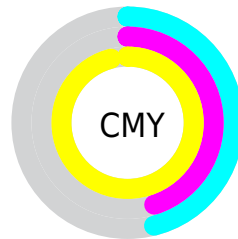


Cyan (3%)

Magenta (0%)

Yellow (94%)

Black (45%)



Cyan (46%)

Magenta (45%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3840, -14.5266, 29.8656 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 49.3840, -14.5266, 29.8656 by changing the saturation by 10% instead.

■ 49.3840, -14.5266,
29.8656

■ 49.3840, -14.5266,
29.8656

165.7652,
-27.1604, 63.3471

■ 39.5252, -13.0618,
25.2969

■ 71.1787, -17.3805,
38.3135

■ 30.4259, -11.5491,
20.7587

■ 83.0311, -18.7841,
42.2539

■ 22.1572, -9.9651,
15.5100

■ 95.4768, -20.1803,
46.0419

■ 14.8129, -8.2654,
10.3690

■ 108.4888,
-21.5730, 49.6994

■ 8.4666, -8.4490,
5.9266

■ 122.0434,
-22.9654, 53.2447

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.1199,

-24.3596, 56.6929

0.0000, NaN, NaN

150.6994,
-25.7574, 60.0569

0.0000, NaN, NaN

49.3840, -14.5266,
29.8656

49.3840, -14.5266,
29.8656

49.3418, -14.7297,
30.1463

49.4649, -14.1461,
29.2537

49.5749, -13.5918,
28.1957

49.7193, -12.8435,
26.6340

49.9013, -11.8845,
24.5243

50.1236, -10.7018,
21.8326

■ 50.3884, -9.2861,
18.5330

■ 50.6975, -7.6308,
14.6075

■ 51.0525, -5.7318,
10.0449

■ 51.4544, -3.5878,
4.8404

Harmonies

Analogous

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



49.3851, 10.9144, 29.8389



49.3840, -14.5266, 29.8656



49.3851, -32.6452, 25.6614

Triad

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



49.3851, -14.5283, 29.8659



49.3851, -32.8512, -42.7402



49.3851, 54.1417, -11.2018

Complementary

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



49.3840, -14.5266, 29.8656



14.8475, 34.9936, -90.8718

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.



49.3851, 36.8595, -43.2172



49.3840, -14.5266, 29.8656



49.3851, -14.8697, -66.8236

Square

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



49.3851, -14.5283, 29.8659



49.3851, -41.6715, -10.7448



49.3851, 10.4965, -67.0325



49.3851, 54.2850, 13.1635

Rectangle

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



49.3840, -14.5266, 29.8656



49.3851, -39.6288, 18.7240



49.3851, 10.4965, -67.0325



49.3851, 50.0099, -21.6142

Sweetspot

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



49.3851, -14.5283, 29.8659



67.6286, -11.3574, 22.2749



24.3454, 39.1955, 15.0576



31.8887, -5.7570, 11.4481



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.3851, -14.5283, 29.8659



66.0178, -19.7500, 40.3341



45.2544, -30.6483, 27.0100



25.0543, -2.3548, 3.8267



47.1159, -14.0597, 28.7865



4.6253, -1.3065, 2.8272

Inverse Universe

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



14.8475, 34.9936, -90.8718



18.6544, 50.4075, -131.0541



19.2489, 40.3437, -65.0554



22.9397, -0.1193, -1.4487



13.3415, 35.9905, -93.2597



1.3514, 3.5548, -8.7431

Previews

White Background



This preview shows how the HunterLab color 49.3840, -14.5266, 29.8656 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 49.3840, -14.5266, 29.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

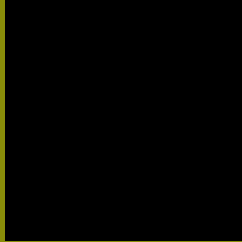
Any Text WCAG AA ✓ Pass

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 49.3840, -14.5266, 29.8656 Background



This preview shows how black text looks on a background with the HunterLab color 49.3840, -14.5266, 29.8656.



This preview shows how white text looks on a background with the HunterLab color 49.3840,

-14.5266, 29.8656.

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

49.3840, -14.5266, 29.8656

Protanopia

49.3878, -7.0293, 30.1371

Deuteranopia

49.1509, 3.5735, 29.3713



Tritanopia

49.3546, 3.8899, 0.2080

Trichromacy



Original Color

49.3840, -14.5266, 29.8656

Protanomaly

49.3894, -9.9782, 30.0520

Deuteranomaly

49.1830, -3.3410, 29.5580

Tritanomaly

48.9468, -5.5457, 17.5194

Monochromacy



Original Color

49.3840, -14.5266, 29.8656

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.3942, -9.1236, 17.9699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3840, -14.5266, 29.8656 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(137, 141, 9)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 9)  
}
```

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(137, 141, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3840, -14.5266, 29.8656 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(137, 141, 9) }
```


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

```
.border{ border-color:rgb(137, 141, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 141, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 9);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
9) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3840, -14.5266, 29.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 9) }
```

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

```
.background{ background-color: rgb(137,  
141, 9) }
```

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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