

Converting Colors

HunterLab(49.9236, 0.7564,
14.4870)

Have a look what the booklet for
HunterLab(49.9236, 0.7564,
14.4870) contains.

HunterLab(49.7838, 0.7471, 14.4502)	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(49.7838, 0.7471,
14.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	9B856A
RGB	155, 133, 106
RGB Percent	61%, 52%, 42%
CMY	0.3922, 0.4784, 0.5843
CMYK	0.00, 0.14, 0.32, 0.39
HSL	33°, 20%, 51%
HSV	33°, 32%, 61%
XYZ	24.5067, 24.7843, 17.1279
YIQ	136.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

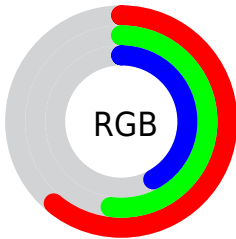
Format	Color
R_{YB}	146, 155, 106
Decimal	10192234
CIE _{Lab}	56.87, 4.16, 17.67
CIE _{LCh}	57, 18.150, 76.736
Yxy	24.7854, 0.3690, 0.3732
Android (android.graphics.Color)	4288382314 (0xFF9B856A)
YUV	136.5000, -15.0365, 16.2245
Hunter-Lab	49.7838, 0.7471, 14.4502

Details

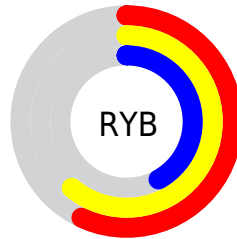
The HunterLab color $49.7838, 0.7471, 14.4502$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45.6821, -3.4387, -12.1591$, and the grayscale version is $49.8699, -2.6609, 2.7095$.

A 20% lighter version of the original color is $71.5917, -0.0642, 17.6962$, and $30.8869, 1.1578, 11.1100$ is the 20% darker color. If you saturate the color by 10%, you get $47.5908, 2.4249, 17.1771$, and if you desaturate by 10%, it is $52.0639, -0.6953, 11.2856$.

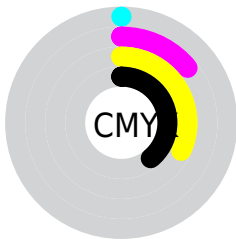
Distribution



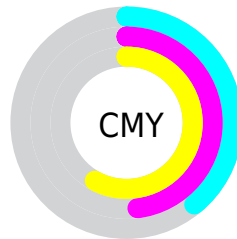
- Red (61%)
- Green (52%)
- Blue (42%)



- Red (57%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7838, 0.7471, 14.4502 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 49.7838, 0.7471, 14.4502 by changing the saturation by 10% instead.

■ 49.7838, 0.7471,
14.4502

■ 49.7838, 0.7471,
14.4502

166.3633, -3.8329,
28.0770

■ 39.8964, 1.0379,
12.8241

■ 71.6302, 0.0066,
17.5784

■ 30.7662, 1.2711,
11.1295

■ 83.5063, -0.4307,
19.1033

■ 22.4636, 1.4356,
9.3341

■ 95.9746, -0.9088,
20.6126

■ 15.0809, 1.5179,
7.4196

■ 109.0082, -1.4252,
22.1119

■ 8.7183, 1.6157,
6.1028

122.5836, -1.9775,
23.6051

0.0000, NaN, NaN

0.0000, NaN, NaN

136.6801, -2.5640,

25.0954

0.0000, NaN, NaN

151.2789, -3.1829,
26.5854

0.0000, NaN, NaN

■ 49.7838, 0.7471,
14.4502

■ 49.7838, 0.7471,
14.4502

■ 47.5908, 2.4249,
17.1771

■ 52.0639, -0.6953,
11.2856

■ 45.4876, 4.3538,
19.4287

■ 54.4219, -1.9099,
7.7166

■ 43.4817, 6.5385,
21.1723

■ 56.8535, -2.9122,
3.7780

■ 41.5795, 8.9798,
22.3803

■ 59.3536, -3.7164,
-0.4984

■ 39.7872, 11.6697,
23.0366

■ 61.9177, -4.3367,
-5.0836

■ 38.1098, 14.5876,
23.1460

■ 64.5415, -4.7866,
-9.9508

■ 36.7855, 17.1427,
22.9672

■ 67.2213, -5.0791,
-15.0763

■ 69.9535, -5.2261,
-20.4385

■ 72.7350, -5.2389,
-26.0182

Harmonies

Analogous

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



49.7849, 7.7795, 11.8238



49.7838, 0.7471, 14.4502



49.7849, -6.8060, 14.2891

Triad

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



49.7849, 0.7454, 14.4509



49.7849, -15.9203, -1.4705



49.7849, 8.4592, -7.8134

Complementary

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



49.7838, 0.7471, 14.4502



45.6821, -3.4387, -12.1591

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.



49.7849, 1.6282, -12.5603



49.7838, 0.7471, 14.4502



49.7849, -12.3027, -8.5383

Square

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



49.7849, 0.7454, 14.4509



49.7849, -16.1250, 5.8011



49.7849, -5.9744, -12.8440



49.7849, 12.4102, -0.5932

Rectangle

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



49.7838, 0.7471, 14.4502



49.7849, -11.1183, 12.6306



49.7849, -5.9744, -12.8440



49.7849, 6.4057, -9.7956

Sweetspot

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



49.7849, 0.7454, 14.4509



73.6137, -2.9082, 9.0863



43.4014, 16.8788, -0.8831



34.8122, -1.2903, 4.6563



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.



49.7849, 0.7454, 14.4509



64.5188, 2.5662, 22.0026



55.8678, -10.3038, 19.7738



25.9973, -1.0252, 3.2167



33.0842, 15.1101, 20.6509



4.8601, 0.2573, 2.9993

Inverse Universe

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



45.6821, -3.4387, -12.1591



57.8599, -4.1320, -21.3283



39.8640, 7.7471, -21.4224



25.4167, -1.6297, -0.5302



23.3482, 9.0431, -48.7047



3.9073, -0.7540, -3.2560

Previews

White Background



This preview shows how the HunterLab color 49.7838, 0.7471, 14.4502 looks on a white background.

Color Contrast Check

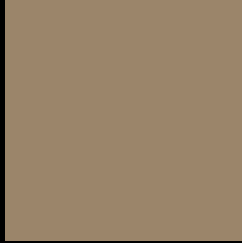
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7838, 0.7471, 14.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

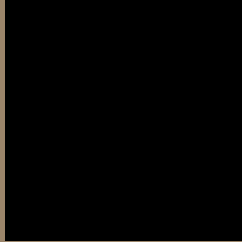
Any Text WCAG AA ✓ Pass

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 49.7838, 0.7471, 14.4502 Background



This preview shows how black text looks on a background with the HunterLab color 49.7838, 0.7471, 14.4502.



This preview shows how white text looks on a background with the HunterLab color 49.7838, 0.7471,

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

49.7838, 0.7471, 14.4502

Protanopia

49.7099, -3.7282, 13.6442

Deuteranopia

49.7461, 3.4212, 14.4615



Tritanopia

49.9355, 8.4430, 1.9159

Trichromacy



Original Color

49.7838, 0.7471, 14.4502

Protanomaly

49.7786, -2.0832, 14.0691

Deuteranomaly

49.8119, 2.2490, 14.5030

Tritanomaly

49.7661, 5.8568, 6.8470

Monochromacy



Original Color

49.7838, 0.7471, 14.4502

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.0439, -1.7166, 7.4212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7838, 0.7471, 14.4502 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(155, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 133, 106)  
}
```

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(155, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 133, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7838, 0.7471, 14.4502 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(155, 133, 106) }
```


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

```
.border{ border-color:rgb(155, 133, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 133, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(155, 133,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7838, 0.7471, 14.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 133, 106) }
```

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

```
.background{ background-color: rgb(155,  
133, 106) }
```

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