

Converting Colors

HunterLab(46.9196, 12.6715,
15.6474)

Have a look what the booklet for
HunterLab(46.9196, 12.6715,
15.6474) contains.

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Color

**HunterLab(46.9859, 12.5950,
15.8102)**

Conversions

Conversions Part 1

Format	Color
Hex	AA755E
RGB	170, 117, 94
RGB Percent	67%, 46%, 37%
CMY	0.3333, 0.5412, 0.6314
CMYK	0.00, 0.31, 0.45, 0.33
HSL	18°, 31%, 52%
HSV	18°, 45%, 67%
XYZ	24.9592, 22.0767, 13.5354
YIQ	130.2250, 38.9710, 4.0830

Conversions

Conversions Part 2

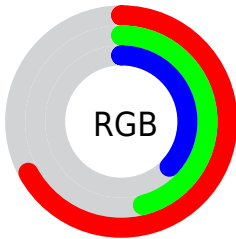
Format	Color
RYB	170, 127, 94
Decimal	11171166
CIELab	54.11, 17.99, 21.06
CIELCh	54, 27.699, 49.495
Yxy	22.0778, 0.4121, 0.3645
Android (android.graphics.Color)	4289361246 (0xFFAA755E)
YUV	130.2250, -17.8589, 34.8827
Hunter-Lab	46.9859, 12.5950, 15.8102

Details

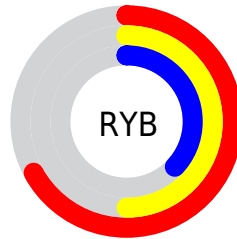
The HunterLab color **46.9859, 12.5950, 15.8102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51.1354, -11.6261, -12.7889**, and the grayscale version is **47.3938, -2.5288, 2.5750**.

A 20% lighter version of the original color is **68.3748, 13.4261, 19.1385**, and **28.2710, 11.5865, 11.7589** is the 20% darker color. If you saturate the color by 10%, you get **43.8356, 16.8792, 17.8100**, and if you desaturate by 10%, it is **50.3558, 8.5733, 13.4716**.

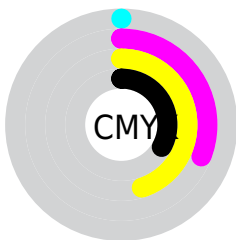
Distribution



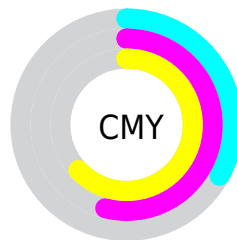
- Red (67%)
- Green (46%)
- Blue (37%)



- Red (67%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (45%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9859, 12.5950, 15.8102 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 46.9859, 12.5950, 15.8102 by changing the saturation by 10% instead.

■ 46.9859, 12.5950,
15.8102

■ 46.9859, 12.5950,
15.8102

162.1581, 13.4210,
31.0056

■ 37.3016, 12.1278,
13.9301

■ 68.4650, 13.2440,
19.3752

■ 28.3918, 11.5511,
11.9477

■ 80.1726, 13.4507,
21.0925

■ 20.3322, 10.8428,
9.8177

■ 92.4805, 13.5886,
22.7812

■ 13.2242, 9.9775,
8.2333

■ 105.3608, 13.6635,
24.4488

■ 6.7450, 11.2720,
4.7215

118.7891, 13.6803,
26.1010

0.0000, NaN, NaN

0.0000, NaN, NaN

132.7438, 13.6432,

27.7423

0.0000, NaN, NaN

147.2059, 13.5558,
29.3762

0.0000, NaN, NaN

■ 46.9859, 12.5950,
15.8102

■ 46.9859, 12.5950,
15.8102

■ 43.8356, 16.8792,
17.8100

■ 50.3558, 8.5733,
13.4716

■ 40.9304, 21.4085,
19.4032

■ 53.9165, 4.8225,
10.8497

■ 38.3029, 26.1227,
20.5214

■ 57.6469, 1.3285,
7.9929

■ 35.9853, 30.9173,
21.1049

■ 61.5280, -1.9273,
4.9400

■ 34.0073, 35.6306,
21.1283

■ 65.5438, -4.9666,
1.7218

■ 33.0964, 37.9822,
21.0588

■ 69.6807, -7.8114,
-1.6372

■ 73.9269, -10.4829,
-5.1177

■ 78.2727, -13.0006,
-8.7040

■ 82.7094, -15.3823,
-12.3841

Harmonies

Analogous

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



46.9870, 19.9915, 8.9981



46.9859, 12.5950, 15.8102



46.9870, 1.5542, 18.7882

Triad

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



46.9870, 12.5928, 15.8109



46.9870, -22.1790, 6.2029



46.9870, 5.0320, -21.6516

Complementary

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



46.9859, 12.5950, 15.8102



51.1354, -11.6261, -12.7889

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.



46.9870, -6.4399, -22.9121



46.9859, 12.5950, 15.8102



46.9870, -21.4397, -4.9472

Square

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



46.9870, 12.5928, 15.8109



46.9870, -18.0425, 14.1859



46.9870, -15.9167, -16.2207



46.9870, 15.3465, -13.1024

Rectangle

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



46.9859, 12.5950, 15.8102



46.9870, -6.0713, 18.8265



46.9870, -15.9167, -16.2207



46.9870, 1.1614, -23.0080

Sweetspot

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



46.9870, 12.5928, 15.8109



78.4062, 1.1256, 10.1776



43.2024, 31.2521, -10.8276



36.5019, 0.9935, 5.2140



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



46.9870, 12.5928, 15.8109



58.9346, 22.8993, 24.0566



57.2105, -5.6241, 24.1795



28.1048, -0.2195, 2.9916



28.5405, 32.1363, 18.1491



5.3572, 2.7439, 3.3491

Inverse Universe

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



51.1354, -11.6261, -12.7889



65.6038, -16.5218, -22.2256



40.3264, 6.2795, -30.9549



28.5359, -2.6916, 0.0455



34.4413, -7.4036, -27.0663



6.1001, -2.1909, -2.8950

Previews

White Background



This preview shows how the HunterLab color 46.9859, 12.5950, 15.8102 looks on a white background.

Color Contrast Check

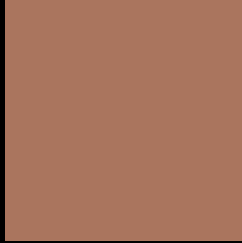
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.9859, 12.5950, 15.8102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

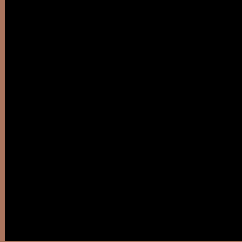
Any Text WCAG AA ✓ Pass

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 46.9859, 12.5950, 15.8102 Background



This preview shows how black text looks on a background with the HunterLab color 46.9859, 12.5950, 15.8102.



This preview shows how white text looks on a background with the HunterLab color 46.9859, 12.5950,

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

46.9859, 12.5950, 15.8102

Protanopia

47.3015, -3.7936, 13.9682

Deuteranopia

46.9847, 3.2941, 15.9413



Tritanopia

46.8893, 18.5632, 5.9361

Trichromacy



Original Color

46.9859, 12.5950, 15.8102

Protanomaly

46.9394, 1.9577, 14.3625

Deuteranomaly

46.8387, 6.8669, 15.8731

Tritanomaly

46.7573, 16.4263, 9.6611

Monochromacy



Original Color

46.9859, 12.5950, 15.8102

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.8736, 2.5935, 7.6410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9859, 12.5950, 15.8102 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(170, 117, 94)` looks like.

```
.text, #text, p{  
    color:rgb(170, 117, 94)  
}
```

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(170, 117, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 117, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9859, 12.5950, 15.8102 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(170, 117, 94) }
```


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

```
.border{ border-color:rgb(170, 117, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 117, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 117, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 117, 94);  
box-shadow:4px 4px 4px 4px rgb(170, 117,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9859, 12.5950, 15.8102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 117, 94) }
```

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

```
.background{ background-color: rgb(170,  
117, 94) }
```

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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