

Converting Colors

HunterLab(48.9302, 11.2597,
12.3286)

Have a look what the booklet for
HunterLab(48.9302, 11.2597,
12.3286) contains.

HunterLab(48.8239, 11.3506, 12.3697)	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(48.8239, 11.3506,
12.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B6E
RGB	170, 123, 110
RGB Percent	67%, 48%, 43%
CMY	0.3333, 0.5176, 0.5686
CMYK	0.00, 0.28, 0.35, 0.33
HSL	13°, 26%, 55%
HSV	13°, 35%, 67%
XYZ	26.4750, 23.8377, 17.9576
YIQ	135.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

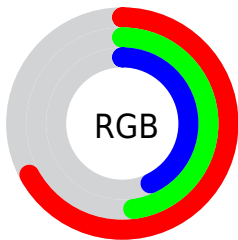
Format	Color
RYB	170, 127, 110
Decimal	11172718
CIELab	55.93, 16.52, 14.33
CIELCh	56, 21.866, 40.947
Yxy	23.8389, 0.3878, 0.3492
Android (android.graphics.Color)	4289362798 (0xFFAA7B6E)
YUV	135.5710, -12.6065, 30.1942
Hunter-Lab	48.8239, 11.3506, 12.3697

Details

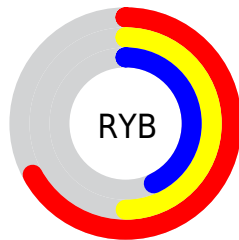
The HunterLab color **48.8239, 11.3506, 12.3697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55.0728, -12.9413, -7.2334**, and the grayscale version is **49.4888, -2.6406, 2.6888**.

A 20% lighter version of the original color is **70.5890, 11.5308, 14.9875**, and **29.9305, 10.3653, 9.5966** is the 20% darker color. If you saturate the color by 10%, you get **45.1898, 16.0964, 14.5401**, and if you desaturate by 10%, it is **52.7039, 6.8596, 10.0078**.

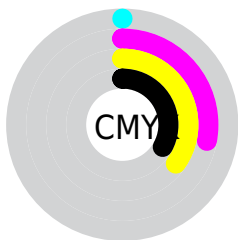
Distribution



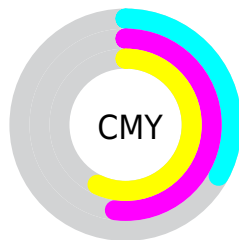
- Red (67%)
- Green (48%)
- Blue (43%)



- Red (67%)
- Yellow (50%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8239, 11.3506, 12.3697 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 48.8239, 11.3506, 12.3697 by changing the saturation by 10% instead.

■ 48.8239, 11.3506,
12.3697

■ 48.8239, 11.3506,
12.3697

164.9257, 11.5284,
24.5451

■ 39.0053, 10.9763,
10.9621

■ 70.5458, 11.8310,
15.1097

■ 29.9496, 10.4992,
9.5076

■ 82.3647, 11.9601,
16.4589

■ 21.7290, 9.8987,
7.9807

■ 94.7786, 12.0240,
17.8025

■ 14.4388, 9.1497,
6.3381

■ 107.7601, 12.0281,
19.1444

■ 8.0997, 8.7582,
5.6698

121.2856, 11.9771,
20.4876

0.0000, NaN, NaN

0.0000, NaN, NaN

135.3338, 11.8746,

21.8343

0.0000, NaN, NaN

149.8862, 11.7241,
23.1863

0.0000, NaN, NaN

■ 48.8239, 11.3506,
12.3697

■ 48.8239, 11.3506,
12.3697

■ 45.1898, 16.0964,
14.5401

■ 52.7039, 6.8596,
10.0078

■ 41.8352, 21.0795,
16.4572

■ 56.7946, 2.6280,
7.4974

■ 38.8035, 26.2333,
18.0475

■ 61.0708, -1.3616,
4.8723

■ 36.1404, 31.4339,
19.2262

■ 65.5102, -5.1311,
2.1566

■ 33.8911, 36.4841,
19.9132

■ 70.0946, -8.7041,
-0.6322

■ 32.0927, 41.1137,
20.0707

■ 74.8087, -12.1041,
-3.4818

■ 31.3998, 43.0229,
20.1016

■ 79.6396, -15.3527,
-6.3831

■ 84.5766, -18.4693,
-9.3294

■ 89.3166, -23.1397,
-8.1710

Harmonies

Analogous

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



48.8251, 15.8195, 5.7190



48.8239, 11.3506, 12.3697



48.8251, 3.2466, 15.9367

Triad

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



48.8251, 11.3485, 12.3705



48.8251, -18.0948, 7.7933



48.8251, 0.7653, -16.7093

Complementary

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



48.8239, 11.3506, 12.3697



55.0728, -12.9413, -7.2334

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.



48.8251, -8.1988, -15.8744



48.8239, 11.3506, 12.3697



48.8251, -18.6519, -0.6156

Square

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



48.8251, 11.3485, 12.3705



48.8251, -13.5715, 13.6484



48.8251, -15.1536, -9.5804



48.8251, 9.4178, -11.6875

Rectangle

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



48.8239, 11.3506, 12.3697



48.8251, -2.8970, 16.5621



48.8251, -15.1536, -9.5804



48.8251, -2.3179, -17.1248

Sweetspot

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



48.8251, 11.3485, 12.3705



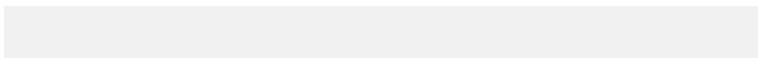
78.8319, 1.3019, 8.6678



47.0451, 24.8179, -10.7774



36.8730, 0.9500, 4.3106



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.



48.8251, 11.3485, 12.3705



62.0766, 20.0305, 18.8741



56.9688, -3.2420, 19.6940



27.9216, 0.0944, 2.7902



27.0601, 36.5025, 17.3134



4.9893, 3.6004, 3.1374

Inverse Universe

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



55.0728, -12.9413, -7.2334



72.1022, -19.2101, -12.6479



46.2561, 1.1537, -20.2233



28.7263, -2.9992, 0.2734



38.1972, -12.8003, -20.1110



6.4954, -2.7148, -2.2581

Previews

White Background



This preview shows how the HunterLab color 48.8239, 11.3506, 12.3697 looks on a white background.

Color Contrast Check

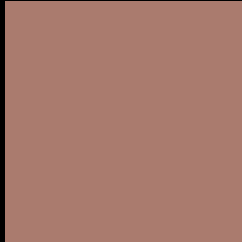
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8239, 11.3506, 12.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

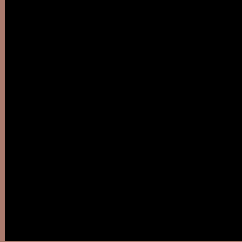
Any Text WCAG AA ✓ Pass

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 48.8239, 11.3506, 12.3697 Background



This preview shows how black text looks on a background with the HunterLab color 48.8239, 11.3506, 12.3697.



This preview shows how white text looks on a background with the HunterLab color 48.8239, 11.3506,

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

48.8239, 11.3506, 12.3697

Protanopia

48.9395, -3.1987, 10.4502

Deuteranopia

48.8596, 3.3479, 12.6090



Tritanopia

48.7735, 15.9934, 5.0870

Trichromacy



Original Color

48.8239, 11.3506, 12.3697

Protanomaly

48.8190, 1.9984, 11.1433

Deuteranomaly

48.8466, 6.0498, 12.6437

Tritanomaly

48.7215, 14.1874, 7.8640

Monochromacy



Original Color

48.8239, 11.3506, 12.3697

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.0518, 2.0771, 5.9923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8239, 11.3506, 12.3697 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, 123, 110)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 110)  
}
```

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, 123, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8239, 11.3506, 12.3697 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, 123, 110) }
```


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

```
.border{ border-color:rgb(170, 123, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 110);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8239, 11.3506, 12.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 110) }
```

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

```
.background{ background-color: rgb(170,  
123, 110) }
```

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