

Converting Colors

HunterLab(48.0239, -12.7336,
11.5071)

Have a look what the booklet for
HunterLab(48.0239, -12.7336,
11.5071) contains.

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Color

**HunterLab(48.0239,
-12.7336, 11.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	758A6D
RGB	117, 138, 109
RGB Percent	46%, 54%, 43%
CMY	0.5412, 0.4588, 0.5725
CMYK	0.15, 0.00, 0.21, 0.46
HSL	103°, 12%, 48%
HSV	103°, 21%, 54%
XYZ	19.1849, 23.0629, 17.9084
YIQ	128.4150, -3.2070, -13.4710

Conversions

Conversions Part 2

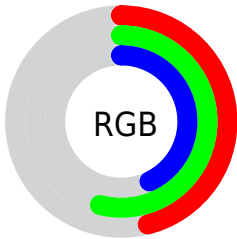
Format	Color
RYB	109, 138, 130
Decimal	7703149
CIELab	55.14, -13.33, 13.07
CIELCh	55, 18.668, 135.557
Yxy	23.0639, 0.3189, 0.3834
Android (android.graphics.Color)	4285893229 (0xFF758A6D)
YUV	128.4150, -9.5716, -10.0110
Hunter-Lab	48.0239, -12.7336, 11.5071

Details

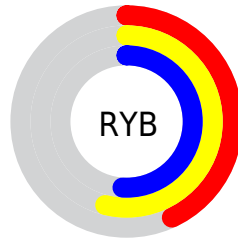
The HunterLab color $48.0239, -12.7336, 11.5071$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41.8554, 8.9035, -8.1152$, and the grayscale version is $46.6619, -2.4898, 2.5352$.

A 20% lighter version of the original color is $69.4765, -15.1516, 13.7713$, and $29.2324, -10.1476, 8.8808$ is the 20% darker color. If you saturate the color by 10%, you get $47.0467, -16.9677, 14.9886$, and if you desaturate by 10%, it is $49.1066, -8.1368, 7.5705$.

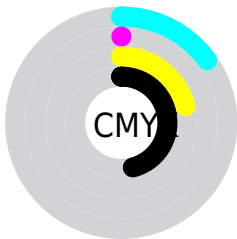
Distribution



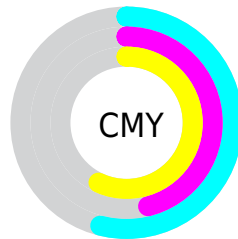
- Red (46%)
- Green (54%)
- Blue (43%)



- Red (43%)
- Yellow (54%)
- Blue (51%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0239, -12.7336, 11.5071 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 48.0239, -12.7336, 11.5071 by changing the saturation by 10% instead.

■ 48.0239, -12.7336,
11.5071

■ 48.0239, -12.7336,
11.5071

163.7233,
-24.4304, 23.1396

■ 38.2632, -11.4036,
10.1797

■ 69.6407, -15.3421,
14.1029

■ 29.2705, -10.0379,
8.8132

■ 81.4114, -16.6334,
15.3868

■ 21.1193, -8.6155,
7.3836

■ 93.7795, -17.9228,
16.6684

■ 13.9076, -7.0972,
5.8521

■ 106.7172,
-19.2136, 17.9513

■ 7.5420, -8.1033,
5.2794

120.2006,
-20.5081, 19.2382

0.0000, NaN, NaN

134.2084,

0.0000, NaN, NaN

-21.8082, 20.5309

0.0000, NaN, NaN

148.7216,
-23.1152, 21.8309

0.0000, NaN, NaN

■ 48.0239, -12.7336,
11.5071

■ 48.0239, -12.7336,
11.5071

■ 47.0467, -16.9677,
14.9886

■ 49.1066, -8.1368,
7.5705

■ 46.1736, -20.8048,
17.9904

■ 50.2891, -3.2077,
3.2051

■ 45.4065, -24.2192,
20.4975

■ 51.5696, 2.0181,
-1.5571

■ 44.7450, -27.1905,
22.5037

■ 52.9445, 7.5064,
-6.6832

■ 44.1876, -29.7064,
24.0146

■ 54.4101, 13.2244,
-12.1399

■ 43.7313, -31.7651,
25.0501

■ 55.9623, 19.1414,
-17.8946

■ 43.3714, -33.3772,
25.6477

■ 57.5972, 25.2291,
-23.9162

■ 43.1174, -34.5098,
25.9646

■ 59.3106, 31.4622,
-30.1757

■ 61.0985, 37.8182,
-36.6465

Harmonies

Analogous

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



48.0249, -6.4914, 14.3501



48.0239, -12.7336, 11.5071



48.0249, -16.1435, 6.0127

Triad

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



48.0249, -12.7347, 11.5077



48.0249, -6.2208, -13.2149



48.0249, 12.6287, 6.2580

Complementary

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



48.0239, -12.7336, 11.5071



41.8554, 8.9035, -8.1152

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.



48.0249, 12.7127, -1.0525



48.0239, -12.7336, 11.5071



48.0249, 1.4917, -13.1212

Square

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



48.0249, -12.7347, 11.5077



48.0249, -12.5473, -8.6310



48.0249, 8.5282, -8.3922



48.0249, 8.3056, 11.6626

Rectangle

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



48.0239, -12.7336, 11.5071



48.0249, -16.4974, 1.2230



48.0249, 8.5282, -8.3922



48.0249, 13.1624, 3.9649

Sweetspot

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



48.0249, -12.7347, 11.5077



65.9459, -7.6566, 7.2869



47.3456, -2.9415, 11.0042



31.1921, -3.7919, 3.5977



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



48.0249, -12.7347, 11.5077



63.1551, -19.5091, 17.4433



47.6167, -13.9535, 8.7938



23.8132, -3.4969, 3.2778



41.2931, -33.0097, 24.8667



3.4611, -2.2938, 2.0925

Inverse Universe

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



41.8554, 8.9035, -8.1152



53.2709, 15.2082, -14.0806



42.4256, 10.3071, -4.0438



22.4963, 1.1112, -0.8929



20.4222, 43.2116, -50.6628



1.8711, 3.8016, -3.4212

Previews

White Background



This preview shows how the HunterLab color 48.0239, -12.7336, 11.5071 looks on a white background.

Color Contrast Check

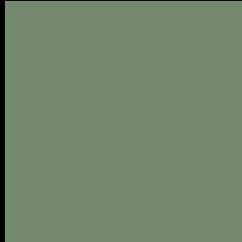
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0239, -12.7336, 11.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

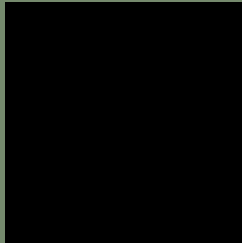
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

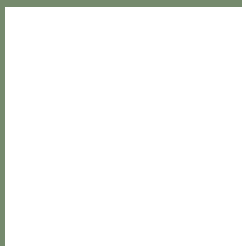
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.0239, -12.7336, 11.5071 Background



This preview shows how black text looks on a background with the HunterLab color 48.0239, -12.7336, 11.5071.



This preview shows how white text looks on a background with the HunterLab color 48.0239, -12.7336, 11.5071.

-12.7336, 11.5071.

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

48.0239, -12.7336, 11.5071

Protanopia

47.8003, -3.2399, 12.4843

Deuteranopia

47.9602, 3.1884, 11.0171



Tritanopia

47.9579, -3.5683, -3.1313

Trichromacy



Original Color

48.0239, -12.7336, 11.5071

Protanomaly

47.9763, -6.9623, 12.2508

Deuteranomaly

47.7989, -3.0664, 11.1015

Tritanomaly

47.9912, -7.1938, 2.9179

Monochromacy



Original Color

48.0239, -12.7336, 11.5071

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.0830, -6.5162, 6.1192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0239, -12.7336, 11.5071 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(117, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 109)  
}
```

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(117, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0239, -12.7336, 11.5071 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(117, 138, 109) }
```


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

```
.border{ border-color:rgb(117, 138, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(117, 138,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0239, -12.7336, 11.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 109) }
```

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

```
.background{ background-color: rgb(117,  
138, 109) }
```

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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