

Converting Colors

HunterLab(49.5131, -11.8872,
11.2959)

Have a look what the booklet for
HunterLab(49.5131, -11.8872,
11.2959) contains.

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Color

**HunterLab(49.4728,
-11.7809, 11.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8D72
RGB	123, 141, 114
RGB Percent	48%, 55%, 45%
CMY	0.5176, 0.4470, 0.5529
CMYK	0.13, 0.00, 0.19, 0.45
HSL	100°, 11%, 50%
HSV	100°, 19%, 55%
XYZ	20.7305, 24.4756, 19.5512
YIQ	132.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

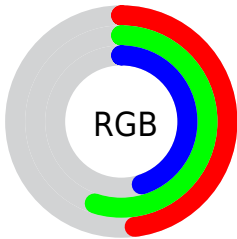
Format	Color
RYB	114, 141, 132
Decimal	8097138
CIELab	56.56, -11.79, 12.27
CIELCh	57, 17.019, 133.852
Yxy	24.4766, 0.3201, 0.3780
Android (android.graphics.Color)	4286287218 (0xFF7B8D72)
YUV	132.5400, -9.1402, -8.3666
Hunter-Lab	49.4728, -11.7809, 11.2001

Details

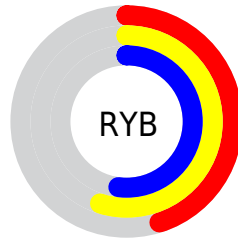
The HunterLab color $49.4728, -11.7809, 11.2001$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43.4326, 7.5937, -7.5055$, and the grayscale version is $48.2851, -2.5764, 2.6234$.

A 20% lighter version of the original color is $71.4237, -14.2720, 13.8135$, and $30.5473, -9.3489, 8.6554$ is the 20% darker color. If you saturate the color by 10%, you get $48.4969, -16.0111, 14.8942$, and if you desaturate by 10%, it is $50.5469, -7.2108, 7.0249$.

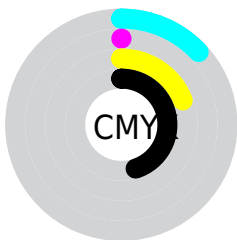
Distribution



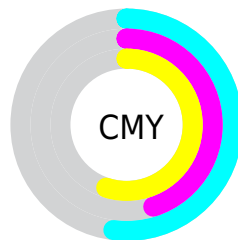
- Red (48%)
- Green (55%)
- Blue (45%)



- Red (45%)
- Yellow (55%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4728, -11.7809, 11.2001 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 49.4728, -11.7809, 11.2001 by changing the saturation by 10% instead.

■ 49.4728, -11.7809,
11.2001

■ 49.4728, -11.7809,
11.2001

165.8980,
-22.8318, 22.4924

■ 39.6075, -10.5503,
9.9285

■ 71.2790, -14.2150,
13.7007

■ 30.5014, -9.2954,
8.6258

■ 83.1366, -15.4281,
14.9428

■ 22.2251, -8.0002,
7.2718

■ 95.5873, -16.6438,
16.1856

■ 14.8723, -6.6343,
5.8300

108.6041,
-17.8648, 17.4320

■ 8.5232, -6.4834,
5.9662

122.1634,
-19.0928, 18.6845

0.0000, NaN, NaN

136.2442,

0.0000, NaN, NaN

-20.3293, 19.9445

0.0000, NaN, NaN

150.8280,
-21.5754, 21.2135

0.0000, NaN, NaN

■ 49.4728, -11.7809,
11.2001

■ 49.4728, -11.7809,
11.2001

■ 48.4969, -16.0111,
14.8942

■ 50.5469, -7.2108,
7.0249

■ 47.6176, -19.8702,
18.0841

■ 51.7137, -2.3274,
2.3935

■ 46.8367, -23.3354,
20.7558

■ 52.9717, 2.8378,
-2.6637

■ 46.1542, -26.3877,
22.9041

■ 54.3178, 8.2541,
-8.1148

■ 45.5688, -29.0151,
24.5348

■ 55.7486, 13.8922,
-13.9271

■ 45.0782, -31.2142,
25.6674

■ 57.2607, 19.7245,
-20.0687

■ 44.6785, -32.9927,
26.3384

■ 58.8505, 25.7254,
-26.5084

■ 44.3584, -34.4045,
26.6852

■ 60.5144, 31.8715,
-33.2169

■ 44.3339, -34.5137,
26.7141

■ 62.2487, 38.1420,
-40.1669

Harmonies

Analogous

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



49.4739, -5.8804, 13.7506



49.4728, -11.7809, 11.2001



49.4739, -15.1282, 6.1827

Triad

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



49.4739, -11.7820, 11.2007



49.4739, -6.3959, -11.5347



49.4739, 11.3766, 5.7132

Complementary

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



49.4728, -11.7809, 11.2001



43.4326, 7.5937, -7.5055

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.



49.4739, 11.2192, -1.0711



49.4728, -11.7809, 11.2001



49.4739, 0.6810, -11.7077

Square

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



49.4739, -11.7820, 11.2007



49.4739, -12.1410, -7.2152



49.4739, 7.2129, -7.6590



49.4739, 7.6315, 10.8990

Rectangle

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



49.4728, -11.7809, 11.2001



49.4739, -15.5850, 1.8093



49.4739, 7.2129, -7.6590



49.4739, 11.7846, 3.5607

Sweetspot

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



49.4739, -11.7820, 11.2007



68.0999, -7.7172, 7.5906



48.3541, -2.3947, 10.2332



32.1445, -3.8140, 3.7443



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.



49.4739, -11.7820, 11.2007



65.6216, -18.2829, 17.2164



48.9368, -13.5461, 8.9621



24.7210, -3.5361, 3.4445



42.3423, -32.9163, 25.5149



4.2722, -2.6737, 2.5857

Inverse Universe

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



43.4326, 7.5937, -7.5055



55.7646, 13.3729, -13.3849



44.1472, 9.6013, -4.1629



23.2857, 1.0585, -0.9834



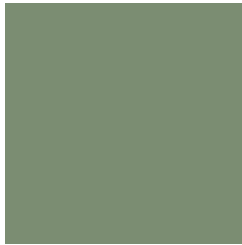
19.8305, 42.8025, -55.7291



2.2288, 4.5691, -4.3903

Previews

White Background



This preview shows how the HunterLab color 49.4728, -11.7809, 11.2001 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 49.4728, -11.7809, 11.2001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

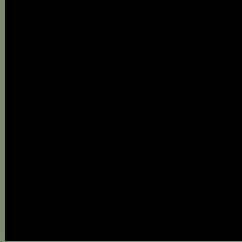
Any Text WCAG AA ✓ Pass

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 49.4728, -11.7809, 11.2001 Background



This preview shows how black text looks on a background with the HunterLab color 49.4728, -11.7809, 11.2001.



This preview shows how white text looks on a background with the HunterLab color 49.4728,

-11.7809, 11.2001.

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

49.4728, -11.7809, 11.2001

Protanopia

49.3105, -3.5388, 12.2405

Deuteranopia

49.1882, 3.3829, 10.4524



Tritanopia

49.2992, -3.0952, -2.8741

Trichromacy



Original Color

49.4728, -11.7809, 11.2001

Protanomaly

49.2904, -6.5019, 11.8196

Deuteranomaly

49.1199, -2.5701, 10.6446

Tritanomaly

49.3577, -6.5759, 2.7647

Monochromacy



Original Color

49.4728, -11.7809, 11.2001

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.7666, -6.1939, 5.9432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4728, -11.7809, 11.2001 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(123, 141, 114)` looks like.

```
.text, #text, p{  
    color:rgb(123, 141, 114)  
}
```

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(123, 141, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 141, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4728, -11.7809, 11.2001 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(123, 141, 114) }
```


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

```
.border{ border-color:rgb(123, 141, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 141, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 141, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 141, 114);  
box-shadow:4px 4px 4px 4px rgb(123, 141,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4728, -11.7809, 11.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 141, 114) }
```

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

```
.background{ background-color: rgb(123,  
141, 114) }
```

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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