

Converting Colors

HunterLab(48.9933, -10.3997,
15.1539)

Have a look what the booklet for
HunterLab(48.9933, -10.3997,
15.1539) contains.

| | |
|--|----|
| HunterLab(49.1433, -10.4957, 15.2442) | 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(49.1433,
-10.4957, 15.2442)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 828B65 |
| RGB | 130, 139, 101 |
| RGB Percent | 51%, 55%, 40% |
| CMY | 0.4902, 0.4549, 0.6039 |
| CMYK | 0.06, 0.00, 0.27, 0.45 |
| HSL | 74°, 16%, 47% |
| HSV | 74°, 27%, 55% |
| XYZ | 20.7875, 24.1506, 15.8778 |
| YIQ | 131.9770, 6.8340, -13.7260 |

Conversions

Conversions Part 2

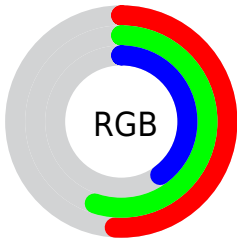
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 101, 139, 110 |
| Decimal | 8555365 |
| CIELab | 56.24, -10.13, 19.28 |
| CIElCh | 56, 21.776, 117.708 |
| Yxy | 24.1517, 0.3418, 0.3971 |
| Android (android.graphics.Color) | 4286745445 (0xFF828B65) |
| YUV | 131.9770, -15.2717, -1.7338 |
| Hunter-Lab | 49.1433, -10.4957, 15.2442 |

Details

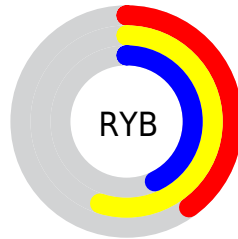
The HunterLab color $49.1433, -10.4957, 15.2442$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38.0618, 7.2325, -14.4711$, and the grayscale version is $48.0837, -2.5656, 2.6125$.

A 20% lighter version of the original color is $70.7344, -12.6351, 18.4655$, and $30.1937, -8.2252, 11.6080$ is the 20% darker color. If you saturate the color by 10%, you get $48.6267, -12.9050, 18.7172$, and if you desaturate by 10%, it is $49.7114, -7.8510, 11.1850$.

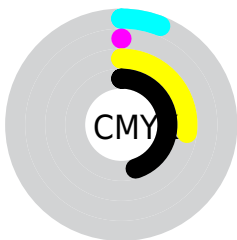
Distribution



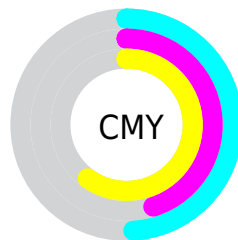
- Red (51%)
- Green (55%)
- Blue (40%)



- Red (40%)
- Yellow (55%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1433, -10.4957, 15.2442 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 49.1433, -10.4957, 15.2442 by changing the saturation by 10% instead.

■ 49.1433, -10.4957,
15.2442

■ 49.1433, -10.4957,
15.2442

165.4045,
-20.8482, 29.5950

■ 39.3016, -9.3676,
13.5044

■ 70.9067, -12.7461,
18.5705

■ 30.2211, -8.2246,
11.6829

■ 82.7447, -13.8753,
20.1836

■ 21.9730, -7.0537,
9.7424

■ 95.1767, -15.0114,
21.7757

■ 14.6519, -5.8300,
7.7893

■ 108.1757,
-16.1564, 23.3530

■ 8.3111, -5.7526,
5.8177

121.7178,
-17.3116, 24.9203

0.0000, NaN, NaN

135.7822,

0.0000, NaN, NaN

-18.4782, 26.4812

0.0000, NaN, NaN

150.3500,
-19.6569, 28.0386

0.0000, NaN, NaN

■ 49.1433, -10.4957,
15.2442

■ 49.1433, -10.4957,
15.2442

■ 48.6267, -12.9050,
18.7172

■ 49.7114, -7.8510,
11.1850

■ 48.1576, -15.0733,
21.6072

■ 50.3284, -4.9707,
6.5393

■ 47.7356, -17.0035,
23.9267

■ 50.9955, -1.8622,
1.3146

■ 47.3590, -18.7002,
25.6962

■ 51.7128, 1.4668,
-4.4777

■ 47.0256, -20.1722,
26.9456

■ 52.4799, 5.0075,
-10.8221

■ 46.7324, -21.4332,
27.7166

■ 53.2964, 8.7497,
-17.6998

■ 46.4725, -22.5192,
28.1064

■ 54.1617, 12.6827,
-25.0897

■ 46.4057, -22.7984,
28.1958

■ 55.0749, 16.7954,
-32.9688

■ 56.0351, 21.0762,
-41.3128

Harmonies

Analogous

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



49.1444, -1.9234, 16.5668



49.1433, -10.4957, 15.2442



49.1444, -16.5555, 10.7605

Triad

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



49.1444, -10.4970, 15.2448



49.1444, -11.6254, -13.5735



49.1444, 16.1041, 2.0050

Complementary

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



49.1433, -10.4957, 15.2442



38.0618, 7.2325, -14.4711

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.



49.1444, 13.0542, -7.0711



49.1433, -10.4957, 15.2442



49.1444, -3.3224, -17.0263

Square

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



49.1444, -10.4970, 15.2448



49.1444, -17.1729, -5.7084



49.1444, 5.7763, -14.4555



49.1444, 13.8409, 9.8005

Rectangle

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



49.1433, -10.4957, 15.2442



49.1444, -18.5756, 6.0874



49.1444, 5.7763, -14.4555



49.1444, 15.6618, -1.0010

Sweetspot

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



49.1444, -10.4970, 15.2448



67.2770, -6.9853, 9.2996



41.8955, 5.7544, 8.4925



32.2386, -3.6148, 4.8926



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.



49.1444, -10.4970, 15.2448



65.3147, -16.1393, 23.4548



47.7432, -15.6747, 13.8548



24.0547, -2.6387, 3.5554



44.0944, -21.6227, 26.7922



3.6855, -1.4090, 2.2463

Inverse Universe

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



38.0618, 7.2325, -14.4711



47.1973, 13.0343, -25.6397



39.7853, 12.6943, -11.6652



22.2390, 0.2380, -1.2376



14.0719, 36.0541, -83.5839



1.3774, 3.1703, -5.3996

Previews

White Background



This preview shows how the HunterLab color 49.1433, -10.4957, 15.2442 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 49.1433, -10.4957, 15.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

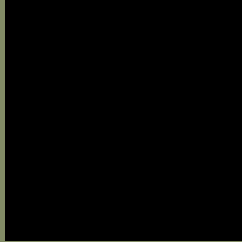
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

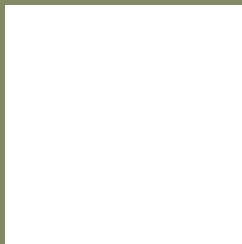
Any Text WCAG AAA × Fail

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

HunterLab 49.1433, -10.4957, 15.2442 Background



This preview shows how black text looks on a background with the HunterLab color 49.1433, -10.4957, 15.2442.



This preview shows how white text looks on a background with the HunterLab color 49.1433,

-10.4957, 15.2442.

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

49.1433, -10.4957, 15.2442

Protanopia

49.2428, -4.2771, 16.0554

Deuteranopia

48.9376, 3.3546, 14.6674



Tritanopia

49.0132, 0.0839, -1.7148

Trichromacy



Original Color

49.1433, -10.4957, 15.2442

Protanomaly

49.0957, -6.2230, 15.5835

Deuteranomaly

49.0207, -2.0411, 14.9668

Tritanomaly

48.9436, -3.9874, 5.3499

Monochromacy



Original Color

49.1433, -10.4957, 15.2442

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5116, -5.8763, 7.6815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1433, -10.4957, 15.2442 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(130, 139, 101)` looks like.

```
.text, #text, p{  
    color:rgb(130, 139, 101)  
}
```

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(130, 139, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 139, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1433, -10.4957, 15.2442 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(130, 139, 101) }
```


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

```
.border{ border-color:rgb(130, 139, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 139, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 139, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 139, 101); box-shadow:4px 4px 4px 4px rgb(130, 139, 101) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1433, -10.4957, 15.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 139, 101) }
```

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

```
.background{ background-color: rgb(130,  
139, 101) }
```

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