

Converting Colors

HunterLab(49.2717, -13.3909,
11.2471)

Have a look what the booklet for
HunterLab(49.2717, -13.3909,
11.2471) contains.

HunterLab(49.3860, -13.6867, 11.4360)	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(49.3860,
-13.6867, 11.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	768E71
RGB	118, 142, 113
RGB Percent	46%, 56%, 44%
CMY	0.5373, 0.4431, 0.5569
CMYK	0.17, 0.00, 0.20, 0.44
HSL	110°, 11%, 50%
HSV	110°, 20%, 56%
XYZ	20.1248, 24.3898, 19.2698
YIQ	131.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

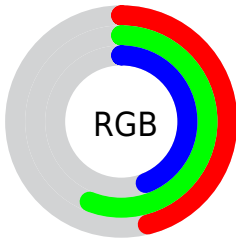
Format	Color
RYB	113, 142, 137
Decimal	7769713
CIELab	56.48, -14.39, 12.67
CIElCh	56, 19.170, 138.626
Yxy	24.3908, 0.3155, 0.3824
Android (android.graphics.Color)	4285959793 (0xFF768E71)
YUV	131.5180, -9.1294, -11.8553
Hunter-Lab	49.3860, -13.6867, 11.4360

Details

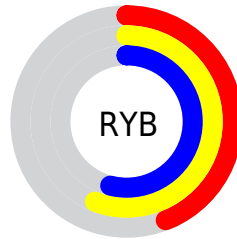
The HunterLab color $49.3860, -13.6867, 11.4360$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43.6833, 9.7947, -7.6469$, and the grayscale version is $47.8823, -2.5549, 2.6015$.

A 20% lighter version of the original color is $71.2338, -16.6351, 13.9740$, and $30.4978, -11.0225, 8.8773$ is the 20% darker color. If you saturate the color by 10%, you get $48.2943, -18.3939, 15.0059$, and if you desaturate by 10%, it is $50.6071, -8.5470, 7.4298$.

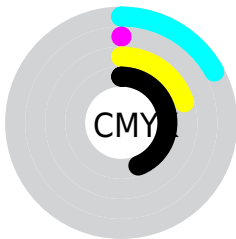
Distribution



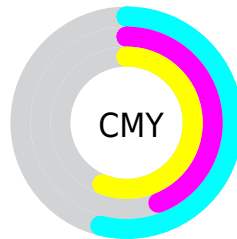
- Red (46%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (54%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3860, -13.6867, 11.4360 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 49.3860, -13.6867, 11.4360 by changing the saturation by 10% instead.

■ 49.3860, -13.6867,
11.4360

■ 49.3860, -13.6867,
11.4360

165.7680,
-25.8307, 22.8974

■ 39.5269, -12.2940,
10.1385

■ 71.1809, -16.4103,
13.9823

■ 30.4275, -10.8612,
8.8070

■ 83.0333, -17.7549,
15.2448

■ 22.1587, -9.3667,
7.4204

■ 95.4791, -19.0953,
16.5069

■ 14.8141, -7.7705,
5.9403

■ 108.4913,
-20.4350, 17.7717

■ 8.4678, -7.8547,
5.9275

122.0460,
-21.7765, 19.0415

0.0000, NaN, NaN

136.1225,

0.0000, NaN, NaN

-23.1220, 20.3182

0.0000, NaN, NaN

150.7021,
-24.4729, 21.6032

0.0000, NaN, NaN

■ 49.3860, -13.6867,
11.4360

■ 49.3860, -13.6867,
11.4360

■ 48.2943, -18.3939,
15.0059

■ 50.6071, -8.5470,
7.4298

■ 47.3312, -22.6232,
18.1074

■ 51.9511, -3.0172,
3.0209

■ 46.4990, -26.3391,
20.7183

■ 53.4146, 2.8553,
-1.7526

■ 45.7970, -29.5144,
22.8263

■ 54.9929, 9.0252,
-6.8519

■ 45.2230, -32.1336,
24.4318

■ 56.6807, 15.4498,
-12.2397

■ 44.7725, -34.1959,
25.5517

■ 58.4727, 22.0899,
-17.8802

■ 44.4386, -35.7186,
26.2220

■ 60.3632, 28.9102,
-23.7408

■ 44.2120, -36.7486,
26.5999

■ 62.3468, 35.8799,
-29.7916

■ 64.4183, 42.9721,
-36.0064

Harmonies

Analogous

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



49.3871, -7.4683, 14.6694



49.3860, -13.6867, 11.4360



49.3871, -16.8680, 5.4954

Triad

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



49.3871, -13.6878, 11.4366



49.3871, -5.6431, -13.9684



49.3871, 12.8453, 7.1487

Complementary

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



49.3860, -13.6867, 11.4360



43.6833, 9.7947, -7.6469

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.



49.3871, 13.4118, -0.2939



49.3860, -13.6867, 11.4360



49.3871, 2.3857, -13.3355

Square

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



49.3871, -13.6878, 11.4366



49.3871, -12.4252, -9.6386



49.3871, 9.4781, -8.0269



49.3871, 7.9766, 12.4801

Rectangle

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



49.3860, -13.6867, 11.4360



49.3871, -16.9815, 0.4366



49.3871, 9.4781, -8.0269



49.3871, 13.5562, 4.8387

Sweetspot

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



49.3871, -13.6878, 11.4366



67.9487, -8.2527, 7.4119



49.7449, -4.3873, 11.9548



32.0670, -4.0890, 3.6531



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.



49.3871, -13.6878, 11.4366



64.8204, -21.4366, 17.6775



49.2620, -13.7099, 7.8821



24.6400, -3.8254, 3.3510



41.8993, -34.7897, 25.2091



4.1782, -3.0594, 2.5211

Inverse Universe

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



43.6833, 9.7947, -7.6469



55.4335, 17.2698, -13.8073



43.8749, 9.8036, -2.6912



23.3766, 1.3653, -0.8623



22.7786, 46.7068, -44.9530



2.4004, 4.8092, -3.8627

Previews

White Background



This preview shows how the HunterLab color 49.3860, -13.6867, 11.4360 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 49.3860, -13.6867, 11.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

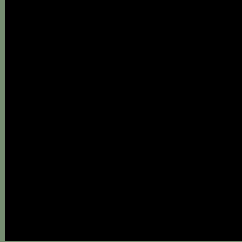
Any Text WCAG AA ✓ Pass

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 49.3860, -13.6867, 11.4360 Background



This preview shows how black text looks on a background with the HunterLab color 49.3860, -13.6867, 11.4360.



This preview shows how white text looks on a background with the HunterLab color 49.3860,

-13.6867, 11.4360.

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

49.3860, -13.6867, 11.4360

Protanopia

49.2883, -3.6610, 12.5618

Deuteranopia

49.1647, 3.2568, 10.7920



Tritanopia

49.3098, -4.4693, -3.3814

Trichromacy



Original Color

49.3860, -13.6867, 11.4360

Protanomaly

49.3893, -7.6817, 12.2453

Deuteranomaly

49.0060, -3.0133, 10.8842

Tritanomaly

49.3478, -8.1125, 2.7262

Monochromacy



Original Color

49.3860, -13.6867, 11.4360

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5809, -6.9077, 6.1354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3860, -13.6867, 11.4360 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(118, 142, 113)` looks like.

```
.text, #text, p{  
    color:rgb(118, 142, 113)  
}
```

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(118, 142, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 142, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3860, -13.6867, 11.4360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

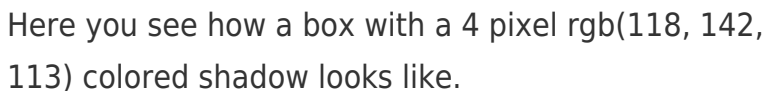
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 142, 113) }
```


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

```
.border{ border-color:rgb(118, 142, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 142, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 142, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 142, 113); box-shadow:4px 4px 4px 4px rgb(118, 142, 113) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3860, -13.6867, 11.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 142, 113) }
```

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

```
.background{ background-color: rgb(118,  
142, 113) }
```

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