

Converting Colors

HunterLab(49.6988, -15.5845,
16.1420)

Have a look what the booklet for
HunterLab(49.6988, -15.5845,
16.1420) contains.

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Color

**HunterLab(49.8402,
-15.6948, 16.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	789063
RGB	120, 144, 99
RGB Percent	47%, 56%, 39%
CMY	0.5294, 0.4353, 0.6118
CMYK	0.17, 0.00, 0.31, 0.44
HSL	92°, 19%, 48%
HSV	92°, 31%, 56%
XYZ	19.9711, 24.8405, 15.5465
YIQ	131.6940, 0.1410, -19.0830

Conversions

Conversions Part 2

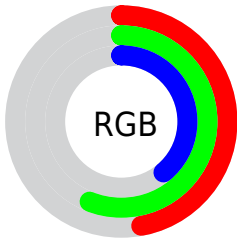
Format	Color
R_{YB}	99, 144, 123
Decimal	7901283
CIE _{Lab}	56.92, -17.06, 21.19
CIE _{LCh}	57, 27.204, 128.833
Yxy	24.8415, 0.3309, 0.4116
Android (android.graphics.Color)	4286091363 (0xFF789063)
YUV	131.6940, -16.1181, -10.2556
Hunter-Lab	49.8402, -15.6948, 16.3940

Details

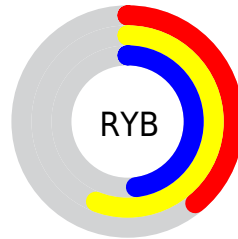
The HunterLab color $49.8402, -15.6948, 16.3940$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.9217, 12.9025, -15.9864$, and the grayscale version is $47.9771, -2.5599, 2.6067$.

A 20% lighter version of the original color is $71.7457, -18.7403, 20.0364$, and $30.9725, -12.5854, 12.6456$ is the 20% darker color. If you saturate the color by 10%, you get $49.0539, -19.1787, 19.6034$, and if you desaturate by 10%, it is $50.7084, -11.8906, 12.6324$.

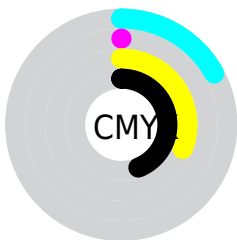
Distribution



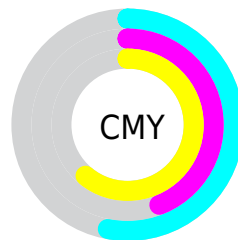
- Red (47%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (48%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8402, -15.6948, 16.3940 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 49.8402, -15.6948, 16.3940 by changing the saturation by 10% instead.

■ 49.8402, -15.6948,
16.3940

■ 49.8402, -15.6948,
16.3940

166.4475,
-28.9731, 31.5905

■ 39.9488, -14.1350,
14.5276

■ 71.6938, -18.7181,
19.9462

■ 30.8142, -12.5192,
12.5676

■ 83.5732, -20.1991,
21.6616

■ 22.5068, -10.8206,
10.4740

■ 96.0447, -21.6688,
23.3503

■ 15.1188, -8.9906,
8.3945

■ 109.0814,
-23.1318, 25.0194

■ 8.7531, -8.9595,
6.1272

122.6597,
-24.5913, 26.6742

0.0000, NaN, NaN

0.0000, NaN, NaN

136.7589,

-26.0500, 28.3188

0.0000, NaN, NaN

151.3605,
-27.5100, 29.9567

0.0000, NaN, NaN

■ 49.8402, -15.6948,
16.3940

■ 49.8402, -15.6948,
16.3940

■ 49.0539, -19.1787,
19.6034

■ 50.7084, -11.8906,
12.6324

■ 48.3464, -22.3241,
22.2532

■ 51.6545, -7.7807,
8.3305

■ 47.7181, -25.1216,
24.3469

■ 52.6784, -3.3864,
3.5079

■ 47.1678, -27.5664,
25.8988

■ 53.7785, 1.2707,
-1.8115

■ 46.6931, -29.6602,
26.9362

■ 54.9528, 6.1684,
-7.6010

■ 46.2905, -31.4136,
27.5035

■ 56.1993, 11.2845,
-13.8319

■ 45.9867, -32.7261,
27.7639

■ 57.5155, 16.5975,
-20.4743

■ 58.8990, 22.0865,
-27.4985

■ 60.3471, 27.7323,
-34.8750

Harmonies

Analogous

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



49.8413, -5.9890, 19.2532



49.8402, -15.6948, 16.3940



49.8413, -21.5286, 9.6808

Triad

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



49.8413, -15.6960, 16.3945



49.8413, -10.3448, -20.9582



49.8413, 20.9418, 5.8148

Complementary

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



49.8402, -15.6948, 16.3940



38.9217, 12.9025, -15.9864

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.



49.8413, 19.5095, -5.4332



49.8402, -15.6948, 16.3940



49.8413, 0.7544, -22.6525

Square

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



49.8413, -15.6960, 16.3945



49.8413, -18.6380, -12.2410



49.8413, 11.8662, -16.4530



49.8413, 15.6200, 14.1131

Rectangle

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



49.8402, -15.6948, 16.3940



49.8413, -22.7687, 3.1364



49.8413, 11.8662, -16.4530



49.8413, 21.2436, 2.2858

Sweetspot

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



49.8413, -15.6960, 16.3945



68.8715, -9.1574, 9.7957



45.8225, 0.9830, 12.9786



32.8970, -4.7471, 5.0817



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.8413, -15.6960, 16.3945



65.3939, -24.3680, 25.0499



48.5079, -20.6975, 14.6354



24.7891, -3.2934, 3.5229



42.9287, -30.4721, 25.9190



4.3486, -2.3675, 2.6381

Inverse Universe

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



38.9217, 12.9025, -15.9864



47.6378, 22.3771, -28.1753



41.0143, 19.1175, -11.6740



23.2114, 0.8070, -1.0827



17.7046, 40.2235, -65.3332



2.0759, 4.3626, -4.9186

Previews

White Background



This preview shows how the HunterLab color 49.8402, -15.6948, 16.3940 looks on a white background.

Color Contrast Check

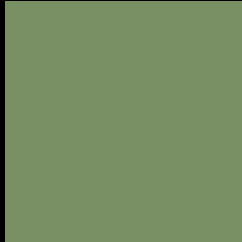
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8402, -15.6948, 16.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

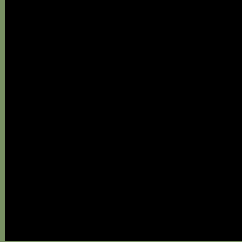
Any Text WCAG AA ✓ Pass

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 49.8402, -15.6948, 16.3940 Background



This preview shows how black text looks on a background with the HunterLab color 49.8402, -15.6948, 16.3940.



This preview shows how white text looks on a background with the HunterLab color 49.8402,

-15.6948, 16.3940.

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

49.8402, -15.6948, 16.3940

Protanopia

49.6547, -4.4013, 17.3062

Deuteranopia

49.7684, 3.3327, 15.7501



Tritanopia

49.8587, -3.9589, -3.1589

Trichromacy



Original Color

49.8402, -15.6948, 16.3940

Protanomaly

49.6454, -8.8327, 16.9303

Deuteranomaly

49.6577, -4.1992, 15.8252

Tritanomaly

49.6789, -8.6558, 4.8335

Monochromacy



Original Color

49.8402, -15.6948, 16.3940

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5320, -7.3388, 8.0686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8402, -15.6948, 16.3940 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(120, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(120, 144, 99)  
}
```

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(120, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 144, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8402, -15.6948, 16.3940 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(120, 144, 99) }
```


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

```
.border{ border-color:rgb(120, 144, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(120, 144,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8402, -15.6948, 16.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 144, 99) }
```

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

```
.background{ background-color: rgb(120,  
144, 99) }
```

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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