

Converting Colors

HunterLab(63.8938, -9.8520,
16.7387)

Have a look what the booklet for
HunterLab(63.8938, -9.8520,
16.7387) contains.

HunterLab(63.8475, -9.6386, 16.8454)	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(63.8475, -9.6386,
16.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAE8A
RGB	171, 174, 138
RGB Percent	67%, 68%, 54%
CMY	0.3294, 0.3176, 0.4588
CMYK	0.02, 0.00, 0.21, 0.32
HSL	65°, 18%, 61%
HSV	65°, 21%, 68%
XYZ	36.5181, 40.7650, 29.9885
YIQ	168.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

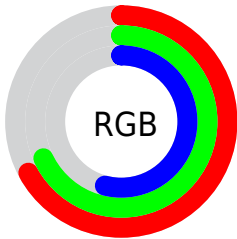
Format	Color
RYB	138, 174, 141
Decimal	11251338
CIELab	70.01, -7.25, 18.17
CIELCh	70, 19.563, 111.747
Yxy	40.7668, 0.3404, 0.3800
Android (android.graphics.Color)	4289441418 (0xFFABAE8A)
YUV	168.9990, -15.2825, 1.7549
Hunter-Lab	63.8475, -9.6386, 16.8454

Details

The HunterLab color **63.8475, -9.6386, 16.8454** is a light color, and the websafe version is hex **999966**. A complement of this color would be **51.8621, 4.6299, -13.7442**, and the grayscale version is **63.0476, -3.3641, 3.4255**.

A 20% lighter version of the original color is **87.2785, -11.1858, 19.7076**, and **42.9828, -7.9765, 13.6109** is the 20% darker color. If you saturate the color by 10%, you get **63.3564, -12.1415, 22.0190**, and if you desaturate by 10%, it is **64.4017, -6.8259, 10.8524**.

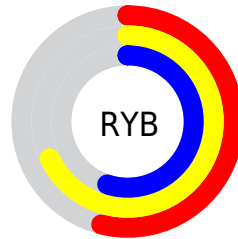
Distribution



Red (67%)

Green (68%)

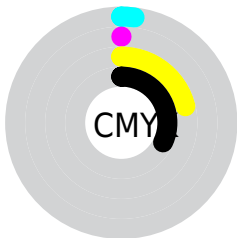
Blue (54%)



Red (54%)

Yellow (68%)

Blue (55%)

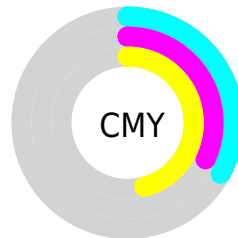


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (32%)



Cyan (33%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8475, -9.6386, 16.8454 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 63.8475, -9.6386, 16.8454 by changing the saturation by 10% instead.

■ 63.8475, -9.6386,
16.8454

■ 63.8475, -9.6386,
16.8454

186.9078,
-18.9852, 30.5762

■ 53.0443, -8.6748,
15.2472

■ 87.3669, -11.6087,
19.9598

■ 42.9289, -7.7183,
13.6039

■ 100.0158,
-12.6143, 21.4904

■ 33.5535, -6.7669,
11.8970

■ 113.2224,
-13.6354, 23.0111

■ 24.9818, -5.8135,
10.0971

126.9638,
-14.6725, 24.5257

■ 17.2977, -4.8460,
8.1562

141.2202,
-15.7258, 26.0373

■ 10.6189, -3.8402,
7.4332

155.9736,

■ 0.3683, -0.6446,

-16.7957, 27.5483

0.2578

171.2077,
-17.8821, 29.0608

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8475, -9.6386,
16.8454

■ 63.8475, -9.6386,
16.8454

■ 63.3564, -12.1415,
22.0190

■ 64.4017, -6.8259,
10.8524

■ 62.9227, -14.3317,
26.3808

■ 65.0161, -3.6990,
4.0361

■ 62.5455, -16.2168,
29.9505

■ 65.6929, -0.2632,
-3.5969

■ 62.2223, -17.8069,
32.7571

■ 66.4326, 3.4754,
-12.0340

■ 61.9499, -19.1161,

■ 67.2354, 7.5083,

34.8412

-21.2569

■ 61.7242, -20.1642,
36.2564

■ 68.1011, 11.8257,
-31.2424

■ 61.5403, -20.9775,
37.0738

■ 68.8021, 15.2346,
-38.8656

■ 61.3959, -21.5838,
37.4540

■ 68.9304, 15.6451,
-38.6277

■ 69.0597, 16.0584,
-38.3884

Harmonies

Analogous

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



63.8489, -0.9301, 17.6031



63.8475, -9.6386, 16.8454



63.8489, -16.3260, 12.7726

Triad

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



63.8489, -9.6403, 16.8462



63.8489, -13.6840, -10.7072



63.8489, 14.4618, 1.0894

Complementary

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



63.8475, -9.6386, 16.8454



51.8621, 4.6299, -13.7442

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.



63.8489, 10.6215, -7.4714



63.8475, -9.6386, 16.8454



63.8489, -5.8531, -14.8672

Square

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



63.8489, -9.6403, 16.8462



63.8489, -18.5698, -2.8687



63.8489, 3.0683, -13.6082



63.8489, 13.3106, 9.2288

Rectangle

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



63.8475, -9.6386, 16.8454



63.8489, -18.8929, 8.3765



63.8489, 3.0683, -13.6082



63.8489, 13.7046, -1.8477

Sweetspot

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



63.8489, -9.6403, 16.8462



87.1037, -7.3143, 10.5443



54.6667, 7.4145, 7.7363



41.0401, -3.5733, 5.2431



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



63.8489, -9.6403, 16.8462



85.6650, -14.6366, 26.1358



62.3550, -15.0495, 15.2960



30.4889, -3.0308, 4.7066



52.2983, -18.3363, 31.9049



8.7785, -2.8488, 5.3594

Inverse Universe

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



51.8621, 4.6299, -13.7442



65.9396, 8.9665, -24.5233



53.4835, 9.9587, -11.2638



27.9069, 0.0210, -1.8240



15.1616, 40.5837, -103.5266



2.7206, 6.9255, -15.8106

Previews

White Background



This preview shows how the HunterLab color 63.8475, -9.6386, 16.8454 looks on a white background.

Color Contrast Check

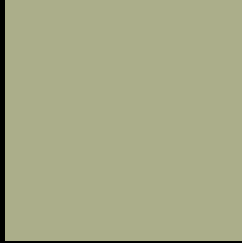
Large Text (above 18pt) WCAG AA × Fail

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 63.8475, -9.6386, 16.8454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

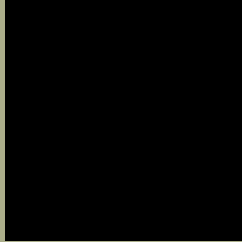
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

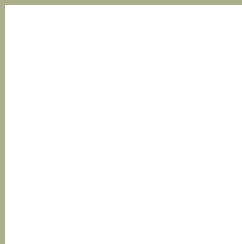
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.8475, -9.6386, 16.8454 Background



This preview shows how black text looks on a background with the HunterLab color 63.8475, -9.6386, 16.8454.



This preview shows how white text looks on a background with the HunterLab color 63.8475, -9.6386, 16.8454.

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

63.8475, -9.6386, 16.8454

Protanopia

63.9128, -4.8855, 17.6894

Deuteranopia

63.6004, 4.6050, 16.1415



Tritanopia

63.7876, 1.6338, -1.2995

Trichromacy



Original Color

63.8475, -9.6386, 16.8454

Protanomaly

63.8562, -6.5653, 17.2584

Deuteranomaly

63.6873, -1.0189, 16.4864

Tritanomaly

63.7025, -2.6308, 6.0755

Monochromacy



Original Color

63.8475, -9.6386, 16.8454

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.3565, -5.7514, 8.6678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8475, -9.6386, 16.8454 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(171, 174, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 138)  
}
```

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(171, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8475, -9.6386, 16.8454 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(171, 174, 138) }
```


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

```
.border{ border-color:rgb(171, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 138);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8475, -9.6386, 16.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 138) }
```

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

```
.background{ background-color: rgb(171,  
174, 138) }
```

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