

Converting Colors

HunterLab(67.5268, -1.3509,
31.3572)

Have a look what the booklet for
HunterLab(67.5268, -1.3509,
31.3572) contains.

HunterLab(67.4447, -1.5125, 31.3745)	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(67.4447, -1.5125,
31.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B062
RGB	209, 176, 98
RGB Percent	82%, 69%, 38%
CMY	0.1804, 0.3098, 0.6157
CMYK	0.00, 0.16, 0.53, 0.18
HSL	42°, 55%, 60%
HSV	42°, 53%, 82%
XYZ	44.0245, 45.4879, 18.0150
YIQ	176.9750, 44.7060, -17.2620

Conversions

Conversions Part 2

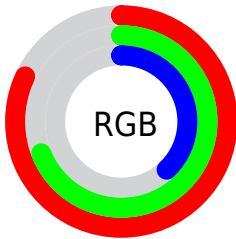
Format	Color
RYB	145, 209, 98
Decimal	13742178
CIELab	73.21, 2.32, 44.02
CIELCh	73, 44.079, 86.978
Yxy	45.4900, 0.4094, 0.4230
Android (android.graphics.Color)	4291932258 (0xFFD1B062)
YUV	176.9750, -38.9347, 28.0859
Hunter-Lab	67.4447, -1.5125, 31.3745

Details

The HunterLab color **67.4447, -1.5125, 31.3745** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.4064, 6.2292, -43.9470**, and the grayscale version is **66.4414, -3.5451, 3.6099**.

A 20% lighter version of the original color is **89.7852, -7.3802, 36.1421**, and **46.1564, -0.7593, 24.8361** is the 20% darker color. If you saturate the color by 10%, you get **65.3946, 0.1299, 33.9152**, and if you desaturate by 10%, it is **69.5918, -2.7947, 27.9902**.

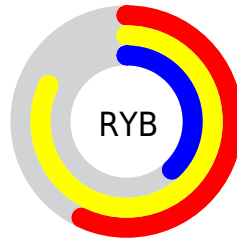
Distribution



Red (82%)

Green (69%)

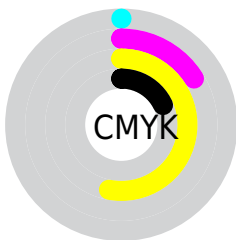
Blue (38%)



Red (57%)

Yellow (82%)

Blue (38%)

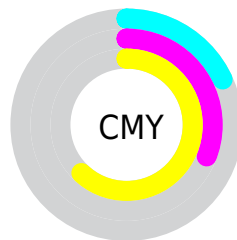


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4447, -1.5125, 31.3745 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 67.4447, -1.5125, 31.3745 by changing the saturation by 10% instead.

67.4447, -1.5125,
31.3745

67.4447, -1.5125,
31.3745

192.0298, -7.3072,
56.2445

56.4301, -1.0458,
28.1623

91.3539, -2.5725,
37.4168

46.0891, -0.6201,
24.7823

104.1839, -3.1555,
40.2889

36.4706, -0.2423,
21.1958

117.5640, -3.7720,
43.0831

27.6336, 0.0819,
17.3565

131.4724, -4.4204,
45.8118

19.6546, 0.3447,
13.7582

145.8897, -5.0994,
48.4849

12.6382, 0.5342,
8.8468

160.7987, -5.8075,

5.9644, 1.3793,

51.1103

4.1751

176.1835, -6.5438,
53.6949

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4447, -1.5125,
31.3745

■ 67.4447, -1.5125,
31.3745

■ 65.3946, 0.1299,
33.9152

■ 69.5918, -2.7947,
27.9902

■ 63.4380, 2.1356,
35.6066

■ 71.8287, -3.7106,
23.7788

■ 61.5769, 4.4874,
36.4681

■ 74.1542, -4.2699,
18.7693

■ 59.8092, 7.1571,
36.5533

■ 76.5652, -4.4831,
12.9967

■ 58.6376, 9.1297,

■ 79.0583, -4.3634,

36.2920

6.4996

■ 81.6300, -3.9253,
-0.6817

■ 84.2770, -3.1846,
-8.5062

■ 86.6072, -4.2798,
-11.4750

■ 88.5678, -7.5102,
-8.8897

Harmonies

Analogous

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



67.4463, 19.2096, 28.1199



67.4447, -1.5125, 31.3745



67.4463, -20.5413, 29.2365

Triad

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



67.4463, -1.5152, 31.3752



67.4463, -35.2103, -15.6133



67.4463, 32.6640, -20.0799

Complementary

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



67.4447, -1.5125, 31.3745



48.4064, 6.2292, -43.9470

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.



67.4463, 15.1931, -38.9331



67.4447, -1.5125, 31.3745



67.4463, -23.7352, -35.8601

Square

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



67.4463, -1.5152, 31.3752



67.4463, -38.5715, 5.6152



67.4463, -5.6645, -45.4274



67.4463, 40.3630, 1.6678

Rectangle

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



67.4447, -1.5125, 31.3745



67.4463, -30.0275, 24.5429



67.4463, -5.6645, -45.4274



67.4463, 27.6446, -27.1875

Sweetspot

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



67.4463, -1.5152, 31.3752



94.9473, -5.5776, 18.5982



48.9264, 41.2661, 4.7196



43.6352, -2.5584, 9.3089

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4463, -1.5152, 31.3752



81.4908, 0.5405, 42.8903



75.5131, -24.7125, 37.0250



36.3035, -2.0977, 5.0020



46.2374, 6.8068, 28.6105



11.5328, 0.5245, 7.1157

Inverse Universe

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



48.4064, 6.2292, -43.9470



53.2281, 13.7177, -72.3432



41.6494, 28.4731, -59.7079



34.6155, -1.5539, -1.3813



22.6316, 25.3667, -83.0470



6.5173, 3.1046, -14.8481

Previews

White Background



This preview shows how the HunterLab color 67.4447, -1.5125, 31.3745 looks on a white background.

Color Contrast Check

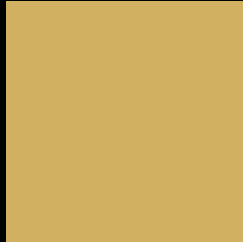
Large Text (above 18pt) WCAG AA × Fail

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 67.4447, -1.5125, 31.3745 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 67.4447, -1.5125, 31.3745 Background



This preview shows how black text looks on a background with the HunterLab color 67.4447, -1.5125, 31.3745.



This preview shows how white text looks on a background with the HunterLab color 67.4447, -1.5125,

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

67.4447, -1.5125, 31.3745

Protanopia

67.4901, -7.3895, 31.0876

Deuteranopia

67.5437, 4.7380, 31.3412



Tritanopia

67.4470, 15.0197, 4.3335

Trichromacy



Original Color

67.4447, -1.5125, 31.3745

Protanomaly

67.6000, -5.4718, 31.2057

Deuteranomaly

67.3698, 2.6962, 31.1715

Tritanomaly

67.1547, 8.2585, 16.0501

Monochromacy



Original Color

67.4447, -1.5125, 31.3745

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

66.6342, -3.9563, 16.0614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4447, -1.5125, 31.3745 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(209, 176, 98)` looks like.

```
.text, #text, p{  
    color:rgb(209, 176, 98)  
}
```

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(209, 176, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 176, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4447, -1.5125, 31.3745 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(209, 176, 98) }
```


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

```
.border{ border-color:rgb(209, 176, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 176, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 176, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 176, 98);  
box-shadow:4px 4px 4px 4px rgb(209, 176,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4447, -1.5125, 31.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 176, 98) }
```

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

```
.background{ background-color: rgb(209,  
176, 98) }
```

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