

Converting Colors

HunterLab(64.4451, -3.2938,
31.9365)

Have a look what the booklet for
HunterLab(64.4451, -3.2938,
31.9365) contains.

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Color

**HunterLab(64.4451, -3.2938,
31.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AA54
RGB	199, 170, 84
RGB Percent	78%, 67%, 33%
CMY	0.2196, 0.3333, 0.6706
CMYK	0.00, 0.15, 0.58, 0.22
HSL	45°, 51%, 55%
HSV	45°, 58%, 78%
XYZ	39.5282, 41.5317, 14.3206
YIQ	168.8670, 44.8900, -20.5980

Conversions

Conversions Part 2

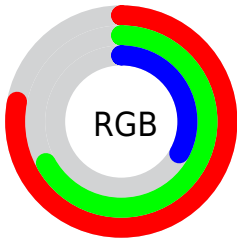
Format	Color
RYB	123, 199, 84
Decimal	13085268
CIELab	70.55, 0.17, 47.51
CIELCh	71, 47.509, 89.800
Yxy	41.5337, 0.4144, 0.4354
Android (android.graphics.Color)	4291275348 (0xFFC7AA54)
YUV	168.8670, -41.8394, 26.4266
Hunter-Lab	64.4451, -3.2938, 31.9365

Details

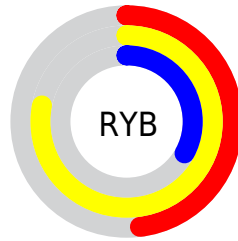
The HunterLab color **64.4451, -3.2938, 31.9365** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **42.2113, 10.1545, -49.7059**, and the grayscale version is **63.0890, -3.3663, 3.4277**.

A 20% lighter version of the original color is **87.6858, -5.6414, 38.1832**, and **43.3791, -2.2229, 24.7245** is the 20% darker color. If you saturate the color by 10%, you get **62.7848, -2.0243, 34.0573**, and if you desaturate by 10%, it is **66.1879, -4.2291, 29.0021**.

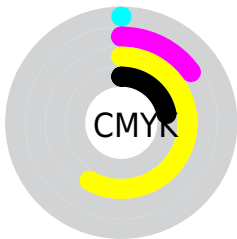
Distribution



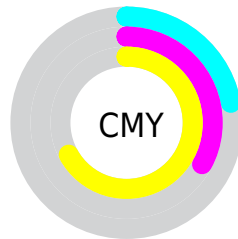
- Red (78%)
- Green (67%)
- Blue (33%)



- Red (48%)
- Yellow (78%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (58%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4451, -3.2938, 31.9365 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 64.4451, -3.2938, 31.9365 by changing the saturation by 10% instead.

■ 64.4451, -3.2938,
31.9365

■ 64.4451, -3.2938,
31.9365

187.7621, -9.8204,
58.5789

■ 53.6063, -2.7260,
28.4514

■ 88.0303, -4.5400,
38.4633

■ 43.4528, -2.1930,
24.7740

■ 100.7097, -5.2098,
41.5525

■ 34.0362, -1.7000,
20.8639

■ 113.9455, -5.9097,
44.5504

■ 25.4195, -1.2507,
16.9522

■ 127.7151, -6.6383,
47.4709

■ 17.6853, -0.8498,
12.3797

■ 141.9985, -7.3946,
50.3254

■ 10.9488, -0.5040,
7.6642

156.7780, -8.1776,

■ 2.4636, 0.1616,

53.1233

1.7245

172.0375, -8.9865,
55.8723

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4451, -3.2938,
31.9365

■ 64.4451, -3.2938,
31.9365

■ 62.7848, -2.0243,
34.0573

■ 66.1879, -4.2291,
29.0021

■ 61.2020, -0.4235,
35.3772

■ 68.0081, -4.8192,
25.2546

■ 59.6963, 1.4861,
35.9358

■ 69.9061, -5.0685,
20.7094

■ 58.2615, 3.6610,
35.8359

■ 71.8801, -4.9830,
15.3897

■ 57.9499, 4.1570,

■ 73.9280, -4.5715,

35.7812

9.3245

■ 76.0476, -3.8452,
2.5469

■ 78.2365, -2.8165,
-4.9081

■ 80.4922, -1.4989,
-13.0041

■ 82.4896, -1.6584,
-17.1993

Harmonies

Analogous

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



64.4466, 18.9458, 29.2692



64.4451, -3.2938, 31.9365



64.4466, -22.9166, 29.3419

Triad

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



64.4466, -3.2964, 31.9371



64.4466, -35.8337, -19.5308



64.4466, 36.7819, -19.8534

Complementary

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



64.4451, -3.2938, 31.9365



42.2113, 10.1545, -49.7059

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.



64.4466, 18.6602, -41.3803



64.4451, -3.2938, 31.9365



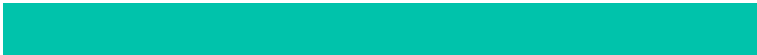
64.4466, -23.1379, -41.1547

Square

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



64.4466, -3.2964, 31.9371



64.4466, -40.1219, 3.6465



64.4466, -3.5878, -50.2249



64.4466, 43.8775, 3.3692

Rectangle

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



64.4451, -3.2938, 31.9365



64.4466, -32.3461, 24.2475



64.4466, -3.5878, -50.2249



64.4466, 31.6691, -27.7736

Sweetspot

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



64.4466, -3.2964, 31.9371



95.2572, -6.5752, 19.9570



44.3997, 42.1018, 6.5700



43.8198, -3.0712, 9.9396

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4466, -3.2964, 31.9371



82.6039, -2.2443, 45.5446



70.9058, -25.7204, 36.2276



34.5639, -2.1878, 4.8561



46.6258, 3.0546, 28.7840



10.6763, -0.2555, 6.5742

Inverse Universe

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



42.2113, 10.1545, -49.7059



48.1174, 21.1970, -86.5544



37.1933, 30.9647, -62.6732



32.7335, -1.2780, -1.4382



20.6098, 28.2565, -86.7580



5.6652, 3.0537, -13.6731

Previews

White Background



This preview shows how the HunterLab color 64.4451, -3.2938, 31.9365 looks on a white background.

Color Contrast Check

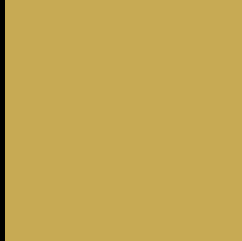
Large Text (above 18pt) WCAG AA × Fail

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 64.4451, -3.2938, 31.9365 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 64.4451, -3.2938, 31.9365 Background



This preview shows how black text looks on a background with the HunterLab color 64.4451, -3.2938, 31.9365.



This preview shows how white text looks on a background with the HunterLab color 64.4451, -3.2938,

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

64.4451, -3.2938, 31.9365

Protanopia

64.5131, -7.5652, 31.7217

Deuteranopia

64.3062, 5.0343, 31.7894



Tritanopia

64.3616, 14.5155, 3.4936

Trichromacy



Original Color

64.4451, -3.2938, 31.9365

Protanomaly

64.5215, -6.0134, 31.7551

Deuteranomaly

64.2948, 2.1119, 31.7298

Tritanomaly

64.2739, 6.8976, 16.4807

Monochromacy



Original Color

64.4451, -3.2938, 31.9365

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.1777, -4.3335, 16.2888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4451, -3.2938, 31.9365 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(199, 170, 84)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 84)  
}
```

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(199, 170, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4451, -3.2938, 31.9365 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(199, 170, 84) }
```


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

```
.border{ border-color:rgb(199, 170, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 170, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 84);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4451, -3.2938, 31.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 84) }
```

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

```
.background{ background-color: rgb(199,  
170, 84) }
```

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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