

Converting Colors

HunterLab(64.1707, -1.1840,
31.2432)

Have a look what the booklet for
HunterLab(64.1707, -1.1840,
31.2432) contains.

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Color

**HunterLab(64.2261, -1.0035,
31.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA857
RGB	202, 168, 87
RGB Percent	79%, 66%, 34%
CMY	0.2078, 0.3412, 0.6588
CMYK	0.00, 0.17, 0.57, 0.21
HSL	42°, 52%, 57%
HSV	42°, 57%, 79%
XYZ	40.0800, 41.2499, 14.8664
YIQ	168.9320, 46.2650, -17.9830

Conversions

Conversions Part 2

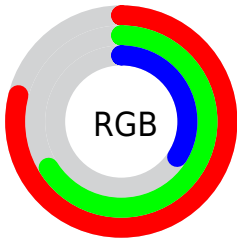
Format	Color
RYB	135, 202, 87
Decimal	13281367
CIELab	70.35, 2.74, 45.89
CIELCh	70, 45.976, 86.583
Yxy	41.2519, 0.4166, 0.4288
Android (android.graphics.Color)	4291471447 (0xFFCAA857)
YUV	168.9320, -40.3925, 29.0006
Hunter-Lab	64.2261, -1.0035, 31.2344

Details

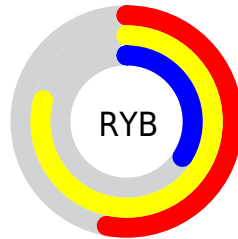
The HunterLab color **64.2261, -1.0035, 31.2344** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **44.6817, 7.4115, -46.4830**, and the grayscale version is **63.1096, -3.3674, 3.4289**.

A 20% lighter version of the original color is **87.1203, -4.3505, 36.9837**, and **43.1788, -0.0916, 24.2016** is the 20% darker color. If you saturate the color by 10%, you get **62.2993, 0.6862, 33.3764**, and if you desaturate by 10%, it is **66.2460, -2.3492, 28.2800**.

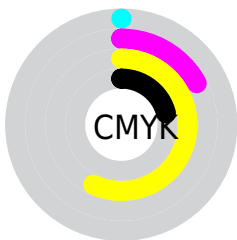
Distribution



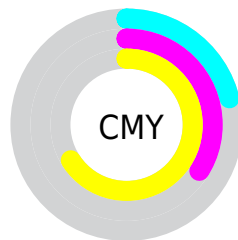
- Red (79%)
- Green (66%)
- Blue (34%)



- Red (53%)
- Yellow (79%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2261, -1.0035, 31.2344 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 64.2261, -1.0035, 31.2344 by changing the saturation by 10% instead.

■ 64.2261, -1.0035,
31.2344

■ 64.2261, -1.0035,
31.2344

187.4493, -6.5603,
57.1454

■ 53.4003, -0.5703,
27.8532

■ 87.7873, -2.0020,
37.5702

■ 43.2608, -0.1808,
24.2856

■ 100.4556, -2.5566,
40.5713

■ 33.8593, 0.1577,
20.4907

■ 113.6806, -3.1460,
43.4854

■ 25.2590, 0.4384,
16.6251

■ 127.4399, -3.7685,
46.3260

■ 17.5431, 0.6519,
12.2802

■ 141.7135, -4.4224,
49.1039

■ 10.8277, 0.7835,
7.5794

156.4834, -5.1065,

■ 1.9742, 5.9427,

51.8284

1.3819

171.7336, -5.8194,
54.5068

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2261, -1.0035,
31.2344

■ 64.2261, -1.0035,
31.2344

■ 62.2993, 0.6862,
33.3764

■ 66.2460, -2.3492,
28.2800

■ 60.4620, 2.7201,
34.7079

■ 68.3526, -3.3425,
24.5240

■ 58.7152, 5.0773,
35.2581

■ 70.5449, -3.9910,
19.9910

■ 57.0553, 7.7203,
35.1073

■ 72.8200, -4.3036,
14.7119

■ 56.5579, 8.5592,

■ 75.1747, -4.2919,

35.0005

8.7225

■ 77.6060, -3.9694,
2.0607

■ 80.1105, -3.3506,
-5.2344

■ 82.6850, -2.4508,
-13.1243

■ 84.7848, -4.2403,
-13.9894

Harmonies

Analogous

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



64.2276, 20.3552, 28.0044



64.2261, -1.0035, 31.2344



64.2276, -20.5202, 29.2346

Triad

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



64.2276, -1.0061, 31.2350



64.2276, -35.6999, -16.1785



64.2276, 33.8691, -21.4605

Complementary

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



64.2261, -1.0035, 31.2344



44.6817, 7.4115, -46.4830

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.



64.2276, 15.6570, -41.2160



64.2261, -1.0035, 31.2344



64.2276, -24.1904, -37.5411

Square

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



64.2276, -1.0061, 31.2350



64.2276, -38.9732, 5.7435



64.2276, -5.8194, -47.8831



64.2276, 42.0527, 1.1644

Rectangle

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



64.2261, -1.0035, 31.2344



64.2276, -30.2087, 24.6901



64.2276, -5.8194, -47.8831



64.2276, 28.6113, -28.9049

Sweetspot

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



64.2276, -1.0061, 31.2350



94.6628, -5.5938, 19.3653



45.5698, 42.6510, 5.0808



43.5128, -2.5645, 9.6392

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2276, -1.0061, 31.2350



80.5767, 1.3874, 43.8600



72.4656, -24.7600, 36.8417



35.3763, -2.0510, 4.8698



45.5467, 6.5360, 28.1801



10.9457, 0.4013, 6.7517

Inverse Universe

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



44.6817, 7.4115, -46.4830



50.7270, 16.3112, -79.0347



37.9422, 30.0420, -63.4095



33.7276, -1.5079, -1.3412



22.2270, 25.0134, -81.7785



6.2291, 2.7717, -13.7690

Previews

White Background



This preview shows how the HunterLab color 64.2261, -1.0035, 31.2344 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 64.2261, -1.0035, 31.2344 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 64.2261, -1.0035, 31.2344 Background



This preview shows how black text looks on a background with the HunterLab color 64.2261, -1.0035, 31.2344.

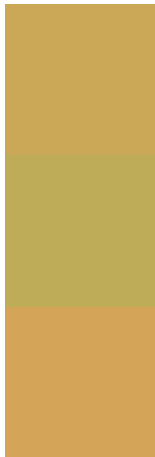


This preview shows how white text looks on a background with the HunterLab color 64.2261, -1.0035,

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

64.2261, -1.0035, 31.2344

Protanopia

64.1535, -7.2359, 30.8718

Deuteranopia

64.2281, 4.8486, 31.1393



Tritanopia

64.2587, 15.4478, 4.3174

Trichromacy



Original Color

64.2261, -1.0035, 31.2344

Protanomaly

64.2649, -5.3258, 30.9887

Deuteranomaly

64.0506, 2.8110, 30.9706

Tritanomaly

63.9186, 8.5251, 16.5213

Monochromacy



Original Color

64.2261, -1.0035, 31.2344

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.2959, -3.8748, 16.0546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2261, -1.0035, 31.2344 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(202, 168, 87)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 87)  
}
```

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(202, 168, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2261, -1.0035, 31.2344 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(202, 168, 87) }
```


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

```
.border{ border-color:rgb(202, 168, 87) }
```

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

Here you see how a box with a 4 pixel rgb(202, 168, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 87);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2261, -1.0035, 31.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 87) }
```

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

```
.background{ background-color: rgb(202,  
168, 87) }
```

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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