

Converting Colors

HunterLab(62.4328, -1.9208,
34.8841)

Have a look what the booklet for
HunterLab(62.4328, -1.9208,
34.8841) contains.

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Color

**HunterLab(62.4328, -1.9208,
34.8841)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A438
RGB	199, 164, 56
RGB Percent	78%, 64%, 22%
CMY	0.2196, 0.3568, 0.7804
CMYK	0.00, 0.18, 0.72, 0.22
HSL	45°, 56%, 50%
HSV	45°, 72%, 78%
XYZ	37.5424, 38.9785, 9.2863
YIQ	162.1530, 55.5280, -26.1680

Conversions

Conversions Part 2

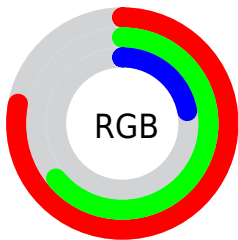
Format	Color
RYB	102, 199, 56
Decimal	13083704
CIELab	68.74, 1.61, 58.06
CIELCh	69, 58.083, 88.407
Yxy	38.9804, 0.4375, 0.4543
Android (android.graphics.Color)	4291273784 (0xFFC7A438)
YUV	162.1530, -52.3334, 32.3148
Hunter-Lab	62.4328, -1.9208, 34.8841

Details

The HunterLab color **62.4328, -1.9208, 34.8841** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **35.2791, 17.6007, -68.7600**, and the grayscale version is **60.3643, -3.2209, 3.2797**.

A 20% lighter version of the original color is **85.4559, -4.7278, 42.5368**, and **41.8007, -1.0280, 25.7394** is the 20% darker color. If you saturate the color by 10%, you get **60.9204, -0.2659, 35.9017**, and if you desaturate by 10%, it is **64.0250, -3.2601, 33.0793**.

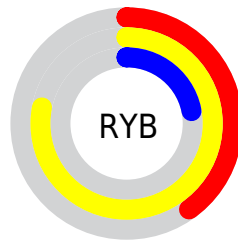
Distribution



Red (78%)

Green (64%)

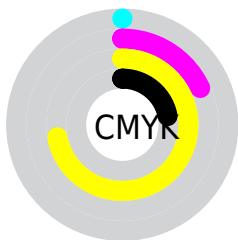
Blue (22%)



Red (40%)

Yellow (78%)

Blue (22%)

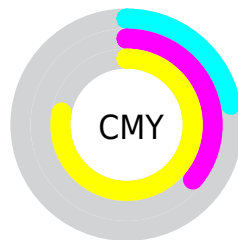


Cyan (0%)

Magenta (18%)

Yellow (72%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4328, -1.9208, 34.8841 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 62.4328, -1.9208, 34.8841 by changing the saturation by 10% instead.

62.4328, -1.9208,
34.8841

62.4328, -1.9208,
34.8841

184.8803, -7.8528,
66.6238

51.7151, -1.4361,
30.6636

85.7954, -3.0148,
42.7579

41.6910, -0.9916,
26.2106

98.3714, -3.6139,
46.4650

32.4142, -0.5943,
21.5739

111.5081, -4.2460,
50.0483

23.9505, -0.2498,
16.7654

125.1825, -4.9096,
53.5252

16.3871, 0.0340,
11.4710

139.3743, -5.6032,
56.9101

9.8477, 0.2447,
6.8934

154.0652, -6.3256,

0.0000, NaN, NaN

60.2150

0.0000, NaN, NaN

169.2389, -7.0758,
63.4501

0.0000, NaN, NaN

■ 62.4328, -1.9208,
34.8841

■ 62.4328, -1.9208,
34.8841

■ 60.9204, -0.2659,
35.9017

■ 64.0250, -3.2601,
33.0793

■ 59.4803, 1.6873,
36.1843

■ 65.6938, -4.2613,
30.4607

■ 58.3529, 3.4393,
36.0170

■ 67.4405, -4.9208,
27.0236

■ 69.2645, -5.2380,
22.7767

■ 71.1645, -5.2169,
17.7389

■ 73.1386, -4.8649,
11.9358

■ 75.1847, -4.1918,
5.3984

■ 77.3007, -3.2094,
-1.8396

■ 79.4841, -1.9305,
-9.7428

Harmonies

Analogous

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



62.4343, 25.4061, 32.0444



62.4328, -1.9208, 34.8841



62.4343, -25.6023, 32.6193

Triad

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



62.4343, -1.9235, 34.8846



62.4343, -41.8565, -24.0685



62.4343, 45.8035, -27.3949

Complementary

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



62.4328, -1.9208, 34.8841



35.2791, 17.6007, -68.7600

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.



62.4343, 22.5704, -55.3946



62.4328, -1.9208, 34.8841



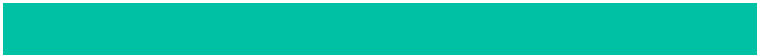
62.4343, -27.6644, -52.9798

Square

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



62.4343, -1.9235, 34.8846



62.4343, -46.2448, 4.7203



62.4343, -4.7335, -66.2809



62.4343, 55.6353, 2.0471

Rectangle

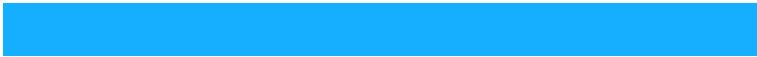
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4328, -1.9208, 34.8841



62.4343, -36.8114, 27.6291



62.4343, -4.7335, -66.2809



62.4343, 39.1315, -37.6762

Sweetspot

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



62.4343, -1.9235, 34.8846



94.0479, -6.9143, 23.8057



39.6726, 51.5525, 10.3012



43.1869, -3.2203, 11.9036

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.4343, -1.9235, 34.8846



79.5702, 0.9993, 47.8225



69.9608, -29.8329, 39.4161



34.5836, -2.2203, 4.8770



46.9453, 2.4877, 28.9710



10.7326, -0.3505, 6.6072

Inverse Universe

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



35.2791, 17.6007, -68.7600



38.4652, 36.4959, -121.4868



30.3559, 41.6199, -86.1004



32.7140, -1.2453, -1.4625



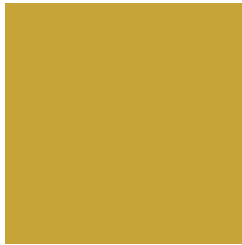
20.4082, 28.8829, -87.8584



5.6143, 3.1691, -13.8586

Previews

White Background



This preview shows how the HunterLab color 62.4328, -1.9208, 34.8841 looks on a white background.

Color Contrast Check

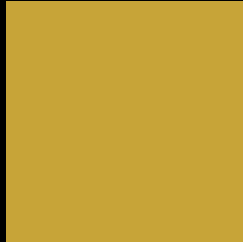
Large Text (above 18pt) WCAG AA × Fail

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 62.4328, -1.9208, 34.8841 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 62.4328, -1.9208, 34.8841 Background



This preview shows how black text looks on a background with the HunterLab color 62.4328, -1.9208, 34.8841.



This preview shows how white text looks on a background with the HunterLab color 62.4328, -1.9208,

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

62.4328, -1.9208, 34.8841

Protanopia

62.4436, -7.8534, 34.6646

Deuteranopia

62.2924, 4.8647, 34.6594



Tritanopia

62.2611, 16.9452, 4.7631

Trichromacy



Original Color

62.4328, -1.9208, 34.8841

Protanomaly

62.5614, -5.9244, 34.7779

Deuteranomaly

62.3754, 2.2691, 34.7958

Tritanomaly

61.9935, 8.5864, 19.7945

Monochromacy



Original Color

62.4328, -1.9208, 34.8841

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.6122, -4.9078, 18.9329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.4328, -1.9208, 34.8841 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, 164, 56)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 56)  
}
```

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, 164, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 62.4328, -1.9208, 34.8841 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, 164, 56) }
```


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

```
.border{ border-color:rgb(199, 164, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 56);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.4328, -1.9208, 34.8841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 56) }
```

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

```
.background{ background-color: rgb(199,  
164, 56) }
```

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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