

Converting Colors

HunterLab(62.9605, -2.1750,
29.1276)

Have a look what the booklet for
HunterLab(62.9605, -2.1750,
29.1276) contains.

HunterLab(62.9661, -2.2571, 29.2258)	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(62.9661, -2.2571,
29.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A65C
RGB	195, 166, 92
RGB Percent	76%, 65%, 36%
CMY	0.2353, 0.3490, 0.6392
CMYK	0.00, 0.15, 0.53, 0.24
HSL	43°, 46%, 56%
HSV	43°, 53%, 76%
XYZ	38.0737, 39.6473, 15.7712
YIQ	166.2350, 41.0380, -16.8660

Conversions

Conversions Part 2

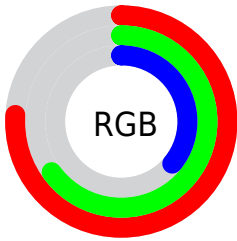
Format	Color
RYB	132, 195, 92
Decimal	12822108
CIELab	69.22, 1.26, 41.89
CIElCh	69, 41.912, 88.277
Yxy	39.6492, 0.4072, 0.4241
Android (android.graphics.Color)	4291012188 (0xFFC3A65C)
YUV	166.2350, -36.5979, 25.2269
Hunter-Lab	62.9661, -2.2571, 29.2258

Details

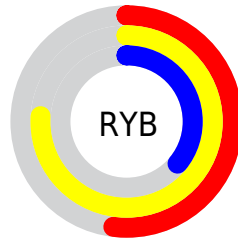
The HunterLab color **62.9661, -2.2571, 29.2258** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **44.5976, 6.4105, -41.0456**, and the grayscale version is **61.9835, -3.3073, 3.3677**.

A 20% lighter version of the original color is **86.3766, -3.6118, 35.0502**, and **42.0690, -1.0615, 22.6831** is the 20% darker color. If you saturate the color by 10%, you get **61.1534, -0.9105, 31.6388**, and if you desaturate by 10%, it is **64.8644, -3.2742, 26.0324**.

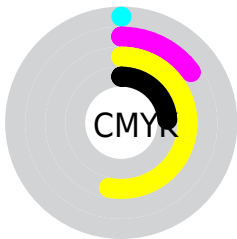
Distribution



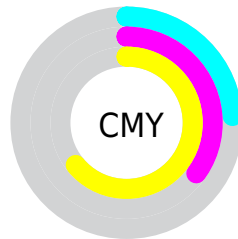
- Red (76%)
- Green (65%)
- Blue (36%)



- Red (52%)
- Yellow (76%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9661, -2.2571, 29.2258 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 62.9661, -2.2571, 29.2258 by changing the saturation by 10% instead.

■ 62.9661, -2.2571,
29.2258

■ 62.9661, -2.2571,
29.2258

185.6455, -8.3359,
53.3689

■ 52.2160, -1.7516,
26.0931

■ 86.3881, -3.3886,
35.1030

■ 42.1574, -1.2852,
22.7876

■ 98.9917, -4.0052,
37.8919

■ 32.8432, -0.8642,
19.2673

■ 112.1548, -4.6540,
40.6036

■ 24.3385, -0.4936,
15.5919

■ 125.8546, -5.3336,
43.2506

■ 16.7293, -0.1806,
11.7105

140.0709, -6.0427,
45.8431

■ 10.1368, 0.0638,
7.0958

154.7854, -6.7801,

0.0000, NaN, NaN

48.3892

0.0000, NaN, NaN

169.9819, -7.5448,
50.8960

0.0000, NaN, NaN

■ 62.9661, -2.2571,
29.2258

■ 62.9661, -2.2571,
29.2258

■ 61.1534, -0.9105,
31.6388

■ 64.8644, -3.2742,
26.0324

■ 59.4228, 0.7682,
33.2686

■ 66.8422, -3.9557,
22.0713

■ 57.7754, 2.7632,
34.1346

■ 68.8988, -4.3095,
17.3667

■ 56.2092, 5.0496,
34.2860

■ 71.0317, -4.3446,
11.9487

■ 55.1265, 6.8187,
34.0880

■ 73.2381, -4.0723,
5.8508

■ 75.5153, -3.5053,
-0.8911

■ 77.8603, -2.6574,
-8.2406

■ 80.2704, -1.5428,
-16.1614

■ 82.2386, -2.9198,
-17.5837

Harmonies

Analogous

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



62.9676, 17.0419, 26.4179



62.9661, -2.2571, 29.2258



62.9676, -19.7670, 27.0113

Triad

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



62.9676, -2.2596, 29.2264



62.9676, -32.4401, -15.3789



62.9676, 30.8581, -17.7446

Complementary

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



62.9661, -2.2571, 29.2258



44.5976, 6.4105, -41.0456

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.



62.9676, 14.9135, -35.5483



62.9661, -2.2571, 29.2258



62.9676, -21.4609, -33.9217

Square

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



62.9676, -2.2596, 29.2264



62.9676, -35.9047, 4.4648



62.9676, -4.4592, -42.1993



62.9676, 37.5157, 2.3723

Rectangle

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



62.9661, -2.2571, 29.2258



62.9676, -28.3981, 22.4620



62.9676, -4.4592, -42.1993



62.9676, 26.3204, -24.3975

Sweetspot

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



62.9676, -2.2596, 29.2264



94.0710, -5.8454, 18.5819



45.4332, 37.5537, 4.9693



43.7408, -2.7330, 9.4132

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.9676, -2.2596, 29.2264



81.5672, -0.9807, 42.6478



69.7503, -23.2535, 33.9655



33.5612, -2.0031, 4.6362



44.6090, 5.1919, 27.5787



9.8570, 0.0426, 6.0746

Inverse Universe

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



44.5976, 6.4105, -41.0456



52.5675, 14.3298, -71.6524



38.9790, 26.3905, -54.0520



31.9365, -1.3714, -1.2951



21.1064, 25.2168, -80.8170



5.5967, 2.2588, -11.8716

Previews

White Background



This preview shows how the HunterLab color 62.9661, -2.2571, 29.2258 looks on a white background.

Color Contrast Check

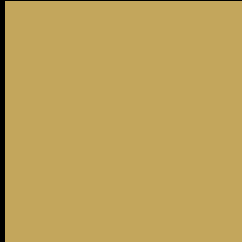
Large Text (above 18pt) WCAG AA × Fail

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 62.9661, -2.2571, 29.2258 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 62.9661, -2.2571, 29.2258 Background



This preview shows how black text looks on a background with the HunterLab color 62.9661, -2.2571, 29.2258.



This preview shows how white text looks on a background with the HunterLab color 62.9661, -2.2571, 29.2258.

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

62.9661, -2.2571, 29.2258

Protanopia

62.9328, -6.8507, 28.9025

Deuteranopia

62.8852, 4.7764, 29.0693



Tritanopia

62.8769, 13.6711, 3.5890

Trichromacy



Original Color

62.9661, -2.2571, 29.2258

Protanomaly

62.9400, -5.3118, 28.9349

Deuteranomaly

62.9930, 2.2625, 29.1085

Tritanomaly

62.6153, 7.1088, 14.8467

Monochromacy



Original Color

62.9661, -2.2571, 29.2258

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.0352, -3.7440, 14.8150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.9661, -2.2571, 29.2258 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(195, 166, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 92)  
}
```

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(195, 166, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 62.9661, -2.2571, 29.2258 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(195, 166, 92) }
```


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

```
.border{ border-color:rgb(195, 166, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.9661, -2.2571, 29.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 92) }
```

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

```
.background{ background-color: rgb(195,  
166, 92) }
```

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