

Converting Colors

HunterLab(61.4675, -0.3339,
34.2489)

Have a look what the booklet for
HunterLab(61.4675, -0.3339,
34.2489) contains.

HunterLab(61.5771, -0.4697, 34.3329)	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(61.5771, -0.4697,
34.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A138
RGB	199, 161, 56
RGB Percent	78%, 63%, 22%
CMY	0.2196, 0.3686, 0.7804
CMYK	0.00, 0.19, 0.72, 0.22
HSL	44°, 56%, 50%
HSV	44°, 72%, 78%
XYZ	37.0119, 37.9174, 9.1094
YIQ	160.3920, 56.3530, -24.5990

Conversions

Conversions Part 2

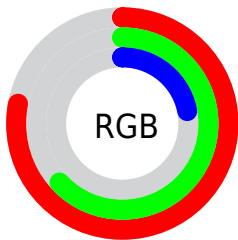
Format	Color
RYB	108, 199, 56
Decimal	13082936
CIELab	67.96, 3.22, 57.29
CIELCh	68, 57.376, 86.779
Yxy	37.9192, 0.4404, 0.4512
Android (android.graphics.Color)	4291273016 (0xFFC7A138)
YUV	160.3920, -51.4653, 33.8592
Hunter-Lab	61.5771, -0.4697, 34.3329

Details

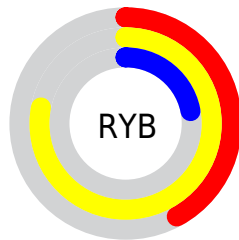
The HunterLab color **61.5771, -0.4697, 34.3329** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **36.0129, 15.9963, -66.4857**, and the grayscale version is **59.6393, -3.1822, 3.2403**.

A 20% lighter version of the original color is **84.5434, -3.2054, 41.8928**, and **41.0056, 0.3289, 25.2732** is the 20% darker color. If you saturate the color by 10%, you get **59.9604, 1.3895, 35.3130**, and if you desaturate by 10%, it is **63.2784, -2.0104, 32.5666**.

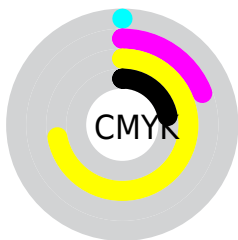
Distribution



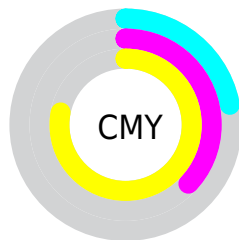
- Red (78%)
- Green (63%)
- Blue (22%)



- Red (42%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5771, -0.4697, 34.3329 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 61.5771, -0.4697, 34.3329 by changing the saturation by 10% instead.

61.5771, -0.4697,
34.3329

61.5771, -0.4697,
34.3329

183.6500, -5.7733,
65.7797

50.9117, -0.0725,
30.1469

84.8436, -1.4028,
42.1375

40.9436, 0.2783,
25.7276

97.3750, -1.9272,
45.8106

31.7273, 0.5746,
21.1424

110.4691, -2.4877,
49.3604

23.3300, 0.8085,
16.3310

124.1026, -3.0825,
52.8046

15.8411, 0.9688,
11.0888

138.2549, -3.7099,
56.1575

9.3880, 1.0370,
6.5716

152.9077, -4.3683,

0.0000, NaN, NaN

59.4312

0.0000, NaN, NaN

168.0444, -5.0565,
62.6358

0.0000, NaN, NaN

■ 61.5771, -0.4697,
34.3329

■ 61.5771, -0.4697,
34.3329

■ 59.9604, 1.3895,
35.3130

■ 63.2784, -2.0104,
32.5666

■ 58.4213, 3.5506,
35.5554

■ 65.0603, -3.2112,
29.9921

■ 57.2176, 5.4741,
35.3530

■ 66.9239, -4.0694,
26.6088

■ 68.8678, -4.5859,
22.4297

■ 70.8902, -4.7658,
17.4772

■ 72.9888, -4.6178,
11.7802

■ 75.1611, -4.1527,
5.3719

■ 77.4046, -3.3831,
-1.7121

■ 79.7165, -2.3228,
-9.4352

Harmonies

Analogous

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



61.5786, 26.3673, 31.2328



61.5771, -0.4697, 34.3329



61.5786, -24.1158, 32.3802

Triad

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



61.5786, -0.4724, 34.3334



61.5786, -41.6670, -21.9748



61.5786, 44.0368, -28.5752

Complementary

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



61.5771, -0.4697, 34.3329



36.0129, 15.9963, -66.4857

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.



61.5786, 20.7363, -55.5397



61.5771, -0.4697, 34.3329



61.5786, -28.2161, -50.7519

Square

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



61.5786, -0.4724, 34.3334



61.5786, -45.4616, 5.9488



61.5786, -6.0558, -64.9811



61.5786, 54.5895, 0.6367

Rectangle

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



61.5771, -0.4697, 34.3329



61.5786, -35.4767, 27.7307



61.5786, -6.0558, -64.9811



61.5786, 37.2655, -38.5989

Sweetspot

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



61.5786, -0.4724, 34.3334



93.6774, -6.3049, 23.4534



39.7257, 51.7720, 9.5325



42.9947, -2.9043, 11.7252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.5786, -0.4724, 34.3334



78.2282, 3.3378, 47.0154



70.1424, -29.1345, 39.5485



34.5279, -2.1283, 4.8178



46.0452, 4.0949, 28.4445



10.5736, -0.0812, 6.5140

Inverse Universe

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



36.0129, 15.9963, -66.4857



39.4834, 33.8310, -117.1454



30.1568, 41.2110, -86.9272



32.7693, -1.3379, -1.3937



20.9898, 27.0989, -84.7343



5.7573, 2.8483, -13.3447

Previews

White Background



This preview shows how the HunterLab color 61.5771, -0.4697, 34.3329 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 61.5771, -0.4697, 34.3329 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 61.5771, -0.4697, 34.3329 Background



This preview shows how black text looks on a background with the HunterLab color 61.5771, -0.4697, 34.3329.



This preview shows how white text looks on a background with the HunterLab color 61.5771, -0.4697,

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

61.5771, -0.4697, 34.3329

Protanopia

61.5485, -7.9958, 34.0570

Deuteranopia

61.6559, 4.1353, 34.3421



Tritanopia

61.6500, 17.5411, 5.4217

Trichromacy



Original Color

61.5771, -0.4697, 34.3329

Protanomaly

61.4764, -5.2358, 34.0566

Deuteranomaly

61.5866, 2.4727, 34.2661

Tritanomaly

61.4086, 9.3819, 19.9115

Monochromacy



Original Color

61.5771, -0.4697, 34.3329

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.6200, -3.9198, 18.3585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5771, -0.4697, 34.3329 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, 161, 56)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 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, 161, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5771, -0.4697, 34.3329 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, 161, 56) }
```


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

```
.border{ border-color:rgb(199, 161, 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, 161, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 56);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5771, -0.4697, 34.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 56) }
```

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

```
.background{ background-color: rgb(199,  
161, 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](#).

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