

Converting Colors

HunterLab(61.2889, 1.2757,
37.7883)

Have a look what the booklet for
HunterLab(61.2889, 1.2757,
37.7883) contains.

HunterLab(61.3463, 1.1762, 37.8219)	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(61.3463, 1.1762,
37.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9F00
RGB	204, 159, 0
RGB Percent	80%, 62%, 0%
CMY	0.2000, 0.3764, 0.9999
CMYK	0.00, 0.22, 1.00, 0.20
HSL	47°, 100%, 40%
HSV	47°, 100%, 80%
XYZ	37.3000, 37.6337, 5.2981
YIQ	154.3290, 77.8590, -39.9090

Conversions

Conversions Part 2

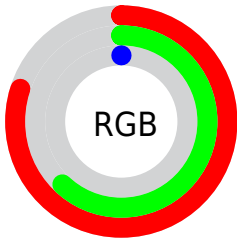
Format	Color
RYB	58, 204, 0
Decimal	13410048
CIELab	67.75, 5.07, 71.38
CIELCh	68, 71.559, 85.935
Yxy	37.6355, 0.4649, 0.4691
Android (android.graphics.Color)	4291600128 (0xFFCC9F00)
YUV	154.3290, -76.0842, 43.5615
Hunter-Lab	61.3463, 1.1762, 37.8219

Details

The HunterLab color **61.3463, 1.1762, 37.8219** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **24.9741, 40.9053, -119.5162**, and the grayscale version is **57.2579, -3.0551, 3.1109**.

A 20% lighter version of the original color is **83.2888, -3.5819, 46.3922**, and **40.9205, 2.7180, 25.2626** is the 20% darker color. If you saturate the color by 10%, you get **61.3469, 1.1747, 37.8222**, and if you desaturate by 10%, it is **62.6606, -0.7830, 37.9528**.

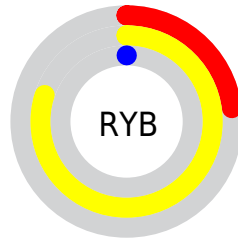
Distribution



Red (80%)

Green (62%)

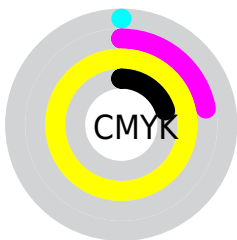
Blue (0%)



Red (23%)

Yellow (80%)

Blue (0%)

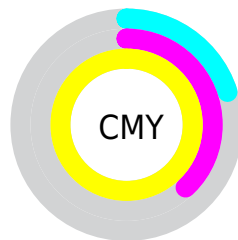


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3463, 1.1762, 37.8219 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 61.3463, 1.1762, 37.8219 by changing the saturation by 10% instead.

61.3463, 1.1762,
37.8219

61.3463, 1.1762,
37.8219

183.3177, -3.4280,
76.0171

50.6951, 1.4761,
32.7243

84.5867, 0.4217,
47.3586

40.7422, 1.7234,
27.4055

97.1061, -0.0196,
51.8435

31.5424, 1.9081,
22.0797

110.1886, -0.5005,
56.1698

23.1631, 2.0204,
16.2142

123.8110, -1.0187,
60.3569

15.6944, 2.0456,
10.9861

137.9526, -1.5722,
64.4217

9.2634, 1.9652,
6.4844

152.5951, -2.1592,

0.0000, NaN, NaN

68.3787

0.0000, NaN, NaN

167.7218, -2.7783,
72.2403

0.0000, NaN, NaN

61.3463, 1.1762,
37.8219

61.3463, 1.1762,
37.8219

61.3469, 1.1747,
37.8222

62.6606, -0.7830,
37.9528

64.0337, -2.5005,
37.4868

65.4783, -3.9116,
36.2539

66.9975, -4.9915,
34.1998

68.5930, -5.7258,
31.2978

■ 70.2653, -6.1073,
27.5402

■ 72.0140, -6.1351,
22.9331

■ 73.8382, -5.8124,
17.4932

■ 75.7366, -5.1461,
11.2446

Harmonies

Analogous

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



61.3478, 35.3856, 34.8315



61.3463, 1.1762, 37.8219



61.3478, -28.0676, 36.1972

Triad

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



61.3478, 1.1733, 37.8224



61.3478, -49.6061, -28.3959



61.3478, 56.8786, -39.6436

Complementary

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



61.3463, 1.1762, 37.8219



24.9741, 40.9053, -119.5162

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.



61.3478, 26.2079, -76.7143



61.3463, 1.1762, 37.8219



61.3478, -34.2397, -68.2008

Square

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



61.3478, 1.1733, 37.8224



61.3478, -53.6135, 7.3686



61.3478, -7.6033, -89.2084



61.3478, 71.4758, -0.9832

Rectangle

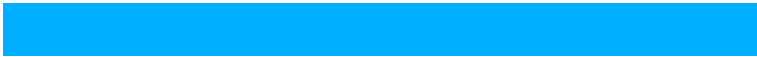
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3463, 1.1762, 37.8219



61.3478, -41.7177, 31.7968



61.3478, -7.6033, -89.2084



61.3478, 47.8341, -53.3453

Sweetspot

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



61.3478, 1.1733, 37.8224



92.5835, -7.9025, 29.7692



36.1217, 62.4392, 18.8301



42.3839, -3.6711, 14.9970

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.3478, 1.1733, 37.8224



78.7361, 1.8787, 48.5497



70.4499, -36.8938, 42.7647



35.5816, -2.3903, 5.0879



48.8166, 0.6782, 30.0925



11.5583, -0.6428, 7.1109

Inverse Universe

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



24.9741, 40.9053, -119.5162



31.7368, 54.0018, -156.2426



22.7059, 58.0808, -134.1611



33.5240, -1.1669, -1.5948



20.0996, 31.5026, -93.1277



5.6983, 3.9824, -15.7193

Previews

White Background



This preview shows how the HunterLab color 61.3463, 1.1762, 37.8219 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 61.3463, 1.1762, 37.8219 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 61.3463, 1.1762, 37.8219 Background



This preview shows how black text looks on a background with the HunterLab color 61.3463, 1.1762, 37.8219.



This preview shows how white text looks on a background with the HunterLab color 61.3463, 1.1762,

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

61.3463, 1.1762, 37.8219

Protanopia

61.5298, -8.5067, 37.4887

Deuteranopia

61.3950, 4.2377, 37.5997



Tritanopia

61.3841, 20.5243, 6.5020

Trichromacy



Original Color

61.3463, 1.1762, 37.8219

Protanomaly

61.2740, -4.9128, 37.5040

Deuteranomaly

61.4284, 2.9139, 37.7089

Tritanomaly

60.7876, 10.7030, 25.6358

Monochromacy



Original Color

61.3463, 1.1762, 37.8219

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.8182, -5.1484, 23.6877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.3463, 1.1762, 37.8219 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(204, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 0)  
}
```

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(204, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.3463, 1.1762, 37.8219 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(204, 159, 0) }
```


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

```
.border{ border-color:rgb(204, 159, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.3463, 1.1762, 37.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 0) }
```

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

```
.background{ background-color: rgb(204,  
159, 0) }
```

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