

Converting Colors

HunterLab(64.1755, -1.4013,
39.0429)

Have a look what the booklet for
HunterLab(64.1755, -1.4013,
39.0429) contains.

HunterLab(63.9870, -1.3627, 38.9132)	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(63.9870, -1.3627,
38.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA711
RGB	207, 167, 17
RGB Percent	81%, 65%, 7%
CMY	0.1882, 0.3451, 0.9333
CMYK	0.00, 0.19, 0.92, 0.19
HSL	47°, 85%, 44%
HSV	47°, 92%, 81%
XYZ	39.6521, 40.9434, 6.3433
YIQ	161.8600, 71.9900, -38.1700

Conversions

Conversions Part 2

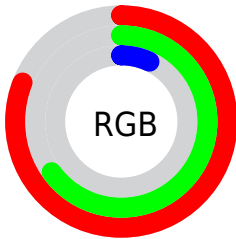
Format	Color
RYB	68, 207, 17
Decimal	13608721
CIELab	70.14, 2.32, 70.98
CIELCh	70, 71.016, 88.124
Yxy	40.9454, 0.4561, 0.4709
Android (android.graphics.Color)	4291798801 (0xFFCFA711)
YUV	161.8600, -71.4160, 39.5878
Hunter-Lab	63.9870, -1.3627, 38.9132

Details

The HunterLab color **63.9870, -1.3627, 38.9132** 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 **27.4792, 36.0789, -109.8028**, and the grayscale version is **60.3156, -3.2183, 3.2771**.

A 20% lighter version of the original color is **86.0971, -7.7767, 47.2809**, and **43.3436, 0.1640, 26.7110** is the 20% darker color. If you saturate the color by 10%, you get **62.9370, 0.2002, 38.7850**, and if you desaturate by 10%, it is **65.3197, -3.0641, 38.5536**.

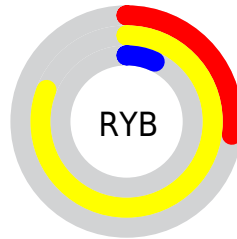
Distribution



Red (81%)

Green (65%)

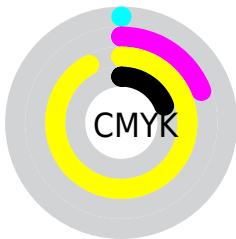
Blue (7%)



Red (27%)

Yellow (81%)

Blue (7%)

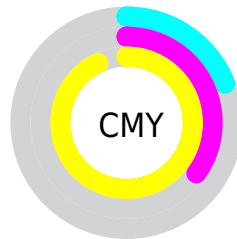


Cyan (0%)

Magenta (19%)

Yellow (92%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9870, -1.3627, 38.9132 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 63.9870, -1.3627, 38.9132 by changing the saturation by 10% instead.

63.9870, -1.3627,
38.9132

63.9870, -1.3627,
38.9132

187.1075, -7.0685,
76.6260

53.1756, -0.9093,
33.8966

87.5220, -2.3994,
48.3055

43.0513, -0.4979,
28.6401

100.1780, -2.9716,
52.7279

33.6662, -0.1360,
23.5663

113.3914, -3.5780,
56.9974

25.0840, 0.1703,
17.5588

127.1394, -4.2167,
61.1329

17.3881, 0.4120,
12.1717

141.4022, -4.8864,
65.1505

10.6958, 0.5754,
7.4870

156.1616, -5.5856,

1.2344, 8.1410,

69.0643

0.8641

171.4017, -6.3134,
72.8860

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9870, -1.3627,
38.9132

■ 63.9870, -1.3627,
38.9132

■ 62.9370, 0.2002,
38.7850

■ 65.3197, -3.0641,
38.5536

■ 66.7205, -4.4587,
37.4286

■ 68.1950, -5.5212,
35.4749

■ 69.7453, -6.2345,
32.6588

■ 71.3723, -6.5897,

28.9670

■ 73.0762, -6.5841,
24.4014

■ 74.8562, -6.2195,
18.9754

■ 76.7112, -5.5017,
12.7105

■ 78.6397, -4.4394,
5.6349

Harmonies

Analogous

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



63.9886, 32.9136, 36.1371



63.9870, -1.3627, 38.9132



63.9886, -30.2142, 36.8036

Triad

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



63.9886, -1.3656, 38.9137



63.9886, -49.6106, -31.2199



63.9886, 58.5399, -36.3779

Complementary

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



63.9870, -1.3627, 38.9132



27.4792, 36.0789, -109.8028

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.



63.9886, 28.6739, -73.9175



63.9870, -1.3627, 38.9132



63.9886, -33.1034, -70.0393

Square

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



63.9886, -1.3656, 38.9137



63.9886, -54.5349, 5.3928



63.9886, -5.4443, -88.5595



63.9886, 71.5042, 1.5126

Rectangle

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



63.9870, -1.3627, 38.9132



63.9886, -43.5093, 31.7569



63.9886, -5.4443, -88.5595



63.9886, 49.8858, -50.0432

Sweetspot

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



63.9886, -1.3656, 38.9137



93.2772, -8.2273, 28.6482



37.3816, 62.0803, 17.7348



42.7062, -3.8654, 14.5603

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9886, -1.3656, 38.9137



79.4878, 0.5779, 48.9901



71.7319, -36.9853, 43.1146



36.5479, -2.5014, 5.2614



50.0977, -0.0829, 30.8685



12.2954, -0.7753, 7.5628

Inverse Universe

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



27.4792, 36.0789, -109.8028



31.3505, 55.3337, -158.6349



24.9797, 56.6839, -123.7268



34.3733, -1.1480, -1.6832



20.1637, 32.9627, -96.3599



5.8749, 4.6061, -17.2864

Previews

White Background



This preview shows how the HunterLab color 63.9870, -1.3627, 38.9132 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 63.9870, -1.3627, 38.9132 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 63.9870, -1.3627, 38.9132 Background



This preview shows how black text looks on a background with the HunterLab color 63.9870, -1.3627, 38.9132.



This preview shows how white text looks on a background with the HunterLab color 63.9870, -1.3627,

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

63.9870, -1.3627, 38.9132

Protanopia

64.0479, -8.6364, 38.7445

Deuteranopia

64.0344, 4.6197, 38.8357



Tritanopia

63.8996, 19.5102, 5.7943

Trichromacy



Original Color

63.9870, -1.3627, 38.9132

Protanomaly

63.9807, -5.8462, 38.7919

Deuteranomaly

63.8338, 2.4991, 38.7631

Tritanomaly

63.3342, 9.6884, 24.8455

Monochromacy



Original Color

63.9870, -1.3627, 38.9132

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.9262, -5.8487, 23.3606

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9870, -1.3627, 38.9132 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(207, 167, 17)` looks like.

```
.text, #text, p{  
    color:rgb(207, 167, 17)  
}
```

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(207, 167, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 167, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9870, -1.3627, 38.9132 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(207, 167, 17) }
```


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

```
.border{ border-color:rgb(207, 167, 17) }
```

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

Here you see how a box with a 4 pixel rgb(207, 167, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 167, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 167, 17);  
box-shadow:4px 4px 4px 4px rgb(207, 167,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9870, -1.3627, 38.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 167, 17) }
```

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

```
.background{ background-color: rgb(207,  
167, 17) }
```

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