

Converting Colors

HunterLab(67.9900, 2.3978,
38.8937)

Have a look what the booklet for
HunterLab(67.9900, 2.3978,
38.8937) contains.

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Color

**HunterLab(67.9900, 2.3978,
38.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAE36
RGB	223, 174, 54
RGB Percent	87%, 68%, 21%
CMY	0.1255, 0.3176, 0.7882
CMYK	0.00, 0.22, 0.76, 0.13
HSL	43°, 73%, 54%
HSV	43°, 76%, 87%
XYZ	46.2333, 46.2264, 9.9758
YIQ	174.9710, 67.7240, -26.9320

Conversions

Conversions Part 2

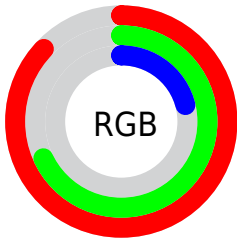
Format	Color
RYB	123, 223, 54
Decimal	14659126
CIELab	73.69, 6.62, 64.48
CIELCh	74, 64.818, 84.140
Yxy	46.2287, 0.4513, 0.4513
Android (android.graphics.Color)	4292849206 (0xFFDFAE36)
YUV	174.9710, -59.6387, 42.1214
Hunter-Lab	67.9900, 2.3978, 38.8937

Details

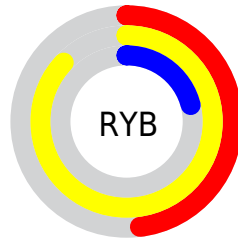
The HunterLab color **67.9900, 2.3978, 38.8937** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **39.7643, 18.8031, -79.2599**, and the grayscale version is **65.6839, -3.5047, 3.5687**.

A 20% lighter version of the original color is **88.5453, -9.7688, 44.7024**, and **46.5893, 3.0030, 28.7607** is the 20% darker color. If you saturate the color by 10%, you get **66.0505, 4.9583, 39.5790**, and if you desaturate by 10%, it is **70.0335, 0.1978, 37.3222**.

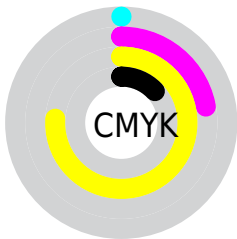
Distribution



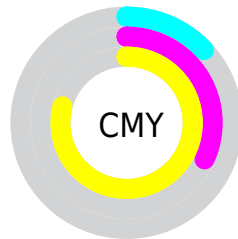
- Red (87%)
- Green (68%)
- Blue (21%)



- Red (48%)
- Yellow (87%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9900, 2.3978, 38.8937 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 67.9900, 2.3978, 38.8937 by changing the saturation by 10% instead.

67.9900, 2.3978,
38.8937

67.9900, 2.3978,
38.8937

192.8023, -1.8407,
73.1554

56.9441, 2.6510,
34.3653

91.9571, 1.7321,
47.3750

46.5697, 2.8506,
29.6072

104.8141, 1.3335,
51.3771

36.9152, 2.9866,
24.6218

118.2201, 0.8941,
55.2484

28.0391, 3.0496,
19.6274

132.1533, 0.4164,
59.0059

20.0168, 3.0263,
14.0118

146.5947, -0.0977,
62.6641

12.9512, 2.8962,
9.0658

161.5268, -0.6463,

6.3946, 4.1684,

66.2351

4.4762

176.9341, -1.2277,
69.7293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9900, 2.3978,
38.8937

■ 67.9900, 2.3978,
38.8937

■ 66.0505, 4.9583,
39.5790

■ 70.0335, 0.1978,
37.3222

■ 64.2066, 7.8521,
39.4519

■ 72.1766, -1.6124,
34.8313


■ 63.4516, 9.1320,
39.2585


■ 74.4200, -3.0275,
31.4174


■ 76.7617, -4.0473,
27.0951


■ 79.1990, -4.6773,

21.8911

 81.7288, -4.9278,
15.8406

 84.3477, -4.8119,
8.9837

 87.0520, -4.3447,
1.3634

 89.8384, -3.5427,
-6.9764

Harmonies

Analogous

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



67.9917, 33.8046, 34.9573



67.9900, 2.3978, 38.8937



67.9917, -25.7695, 37.2587

Triad

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



67.9917, 2.3947, 38.8943



67.9917, -48.8900, -22.9606



67.9917, 50.0687, -37.2201

Complementary

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



67.9900, 2.3978, 38.8937



39.7643, 18.8031, -79.2599

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.



67.9917, 21.7602, -68.3855



67.9900, 2.3978, 38.8937



67.9917, -34.3912, -57.9445

Square

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



67.9917, 2.3947, 38.8943



67.9917, -52.2570, 9.0987



67.9917, -9.4548, -77.2768



67.9917, 64.2459, -2.1792

Rectangle

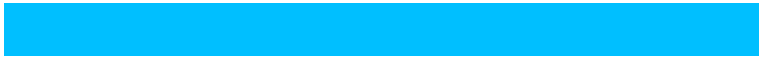
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9900, 2.3978, 38.8937



67.9917, -39.5028, 32.5901



67.9917, -9.4548, -77.2768



67.9917, 41.6750, -49.0163

Sweetspot

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



67.9917, 2.3947, 38.8943



92.9563, -5.5632, 23.7382



43.9777, 62.1980, 10.2777



42.5175, -2.4937, 12.0998

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9917, 2.3947, 38.8943



75.6118, 7.7164, 46.0931



79.9286, -32.4797, 46.0938



39.1447, -2.2986, 5.4403



48.8635, 6.6156, 30.2253



13.4412, 0.6994, 8.2947

Inverse Universe

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



39.7643, 18.8031, -79.2599



38.4078, 35.3899, -121.7592



31.6725, 49.6494, -110.2996



37.2658, -1.6332, -1.5474



23.4544, 27.5694, -88.8304



7.2969, 4.3661, -18.5458

Previews

White Background



This preview shows how the HunterLab color 67.9900, 2.3978, 38.8937 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 67.9900, 2.3978, 38.8937 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 67.9900, 2.3978, 38.8937 Background



This preview shows how black text looks on a background with the HunterLab color 67.9900, 2.3978, 38.8937.



This preview shows how white text looks on a background with the HunterLab color 67.9900, 2.3978,

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

67.9900, 2.3978, 38.8937

Protanopia

68.1454, -9.0553, 38.5771

Deuteranopia

67.9057, 5.0287, 38.7753



Tritanopia

68.0283, 22.0907, 6.9576

Trichromacy



Original Color

67.9900, 2.3978, 38.8937

Protanomaly

67.9836, -5.0502, 38.6505

Deuteranomaly

68.0674, 4.1275, 38.8667

Tritanomaly

67.6536, 13.2917, 23.1023

Monochromacy



Original Color

67.9900, 2.3978, 38.8937

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.9584, -4.0245, 21.2710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9900, 2.3978, 38.8937 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(223, 174, 54)` looks like.

```
.text, #text, p{  
    color:rgb(223, 174, 54)  
}
```

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(223, 174, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 174, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9900, 2.3978, 38.8937 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(223, 174, 54) }
```


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

```
.border{ border-color:rgb(223, 174, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 174, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 174, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 174, 54);  
box-shadow:4px 4px 4px 4px rgb(223, 174,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9900, 2.3978, 38.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 174, 54) }
```

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

```
.background{ background-color: rgb(223,  
174, 54) }
```

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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