

Converting Colors

HunterLab(63.8713, 4.6938,
33.9057)

Have a look what the booklet for
HunterLab(63.8713, 4.6938,
33.9057) contains.

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Color

**HunterLab(63.8713, 4.6938,
33.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A347
RGB	213, 163, 71
RGB Percent	84%, 64%, 28%
CMY	0.1647, 0.3608, 0.7216
CMYK	0.00, 0.23, 0.67, 0.16
HSL	39°, 63%, 56%
HSV	39°, 67%, 84%
XYZ	41.6751, 40.7954, 11.6390
YIQ	167.4620, 59.3320, -18.0120

Conversions

Conversions Part 2

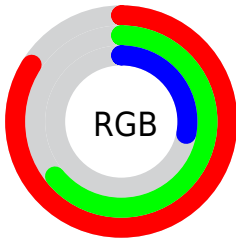
Format	Color
RYB	148, 213, 71
Decimal	14000967
CIELab	70.03, 9.02, 53.41
CIELCh	70, 54.170, 80.414
Yxy	40.7974, 0.4428, 0.4335
Android (android.graphics.Color)	4292191047 (0xFFD5A347)
YUV	167.4620, -47.5558, 39.9368
Hunter-Lab	63.8713, 4.6938, 33.9057

Details

The HunterLab color **63.8713, 4.6938, 33.9057** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **44.5170, 8.0867, -56.2677**, and the grayscale version is **62.5277, -3.3363, 3.3972**.

A 20% lighter version of the original color is **85.3422, -3.1755, 39.5133**, and **43.0033, 4.4687, 25.9536** is the 20% darker color. If you saturate the color by 10%, you get **61.6323, 7.4575, 35.2374**, and if you desaturate by 10%, it is **66.2293, 2.2959, 31.7238**.

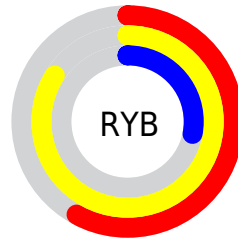
Distribution



Red (84%)

Green (64%)

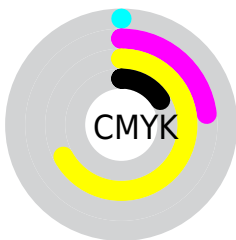
Blue (28%)



Red (58%)

Yellow (84%)

Blue (28%)

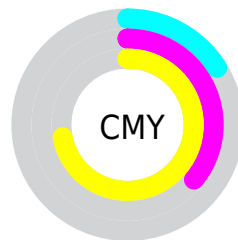


Cyan (0%)

Magenta (23%)

Yellow (67%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8713, 4.6938, 33.9057 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 63.8713, 4.6938, 33.9057 by changing the saturation by 10% instead.

63.8713, 4.6938,
33.9057

63.8713, 4.6938,
33.9057

186.9420, 1.4626,
63.3371

53.0668, 4.8068,
30.0192

87.3935, 4.2863,
41.1674

42.9499, 4.8564,
25.9172

100.0437, 4.0075,
44.5940

33.5728, 4.8305,
21.5637

113.2513, 3.6829,
47.9119

24.9993, 4.7166,
17.4995

126.9940, 3.3153,
51.1369

17.3132, 4.4964,
12.1192

141.2515, 2.9074,
54.2820

10.6321, 4.1416,
7.4425

156.0059, 2.4614,

0.6114, 64.2624,

57.3579

0.4280

171.2410, 1.9793,
60.3737

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8713, 4.6938,
33.9057

■ 63.8713, 4.6938,
33.9057

■ 61.6323, 7.4575,
35.2374

■ 66.2293, 2.2959,
31.7238

■ 59.5096, 10.5773,
35.7348

■ 68.6981, 0.2788,
28.6991

■ 57.5036, 14.0107,
35.4684

■ 71.2751, -1.3629,
24.8581

■ 56.8552, 15.1912,
35.2998

■ 73.9556, -2.6381,
20.2373

■ 76.7345, -3.5595,

14.8789

■ 79.6069, -4.1429,
8.8276

■ 82.5680, -4.4054,
2.1289

■ 85.6131, -4.3650,
-5.1726

■ 88.4520, -5.6048,
-9.0107

Harmonies

Analogous

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



63.8729, 29.7547, 29.4126



63.8713, 4.6938, 33.9057



63.8729, -19.1460, 32.9775

Triad

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



63.8729, 4.6908, 33.9063



63.8729, -42.1032, -14.3725



63.8729, 37.4615, -32.5294

Complementary

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



63.8713, 4.6938, 33.9057



44.5170, 8.0867, -56.2677

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.



63.8729, 14.0109, -55.0048



63.8713, 4.6938, 33.9057



63.8729, -30.9439, -42.0557

Square

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



63.8729, 4.6908, 33.9063



63.8729, -43.8167, 10.5516



63.8729, -11.1291, -59.0328



63.8729, 50.4829, -4.5131

Rectangle

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



63.8713, 4.6938, 33.9057



63.8729, -31.3753, 29.1950



63.8729, -11.1291, -59.0328



63.8729, 30.3835, -41.3688

Sweetspot

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



63.8729, 4.6908, 33.9063



92.8513, -4.0122, 20.6661



44.8159, 54.0982, 3.7418



42.5096, -1.7081, 10.4249

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.8729, 4.6908, 33.9063



74.4573, 10.6817, 43.5732



77.1500, -25.8148, 42.5060



37.0808, -1.8891, 4.9706



44.6589, 11.4328, 27.7187



11.6441, 1.5186, 7.2016

Inverse Universe

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



44.5170, 8.0867, -56.2677



46.9531, 18.4860, -90.2098



33.8841, 38.0218, -88.6049



35.6607, -1.8560, -1.2313



24.8641, 20.8135, -76.0084



7.2533, 2.4919, -14.4453

Previews

White Background



This preview shows how the HunterLab color 63.8713, 4.6938, 33.9057 looks on a white background.

Color Contrast Check

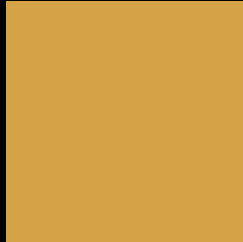
Large Text (above 18pt) WCAG AA × Fail

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 63.8713, 4.6938, 33.9057 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 63.8713, 4.6938, 33.9057 Background



This preview shows how black text looks on a background with the HunterLab color 63.8713, 4.6938, 33.9057.



This preview shows how white text looks on a background with the HunterLab color 63.8713, 4.6938,

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

63.8713, 4.6938, 33.9057

Protanopia

64.0904, -7.7872, 33.3626

Deuteranopia

63.8713, 4.6938, 33.9057



Tritanopia

63.8081, 21.7686, 6.6226

Trichromacy



Original Color

63.8713, 4.6938, 33.9057

Protanomaly

64.0305, -3.4887, 33.5576

Deuteranomaly

63.8713, 4.6938, 33.9057

Tritanomaly

63.6430, 14.1885, 19.4609

Monochromacy



Original Color

63.8713, 4.6938, 33.9057

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.5530, -2.2636, 17.8141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8713, 4.6938, 33.9057 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(213, 163, 71)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 71)  
}
```

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(213, 163, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8713, 4.6938, 33.9057 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(213, 163, 71) }
```


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

```
.border{ border-color:rgb(213, 163, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 163, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 71);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8713, 4.6938, 33.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 71) }
```

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

```
.background{ background-color: rgb(213,  
163, 71) }
```

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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