

Converting Colors

HunterLab(68.4050, 0.1040,
38.6830)

Have a look what the booklet for
HunterLab(68.4050, 0.1040,
38.6830) contains.

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Color

**HunterLab(68.5313, -0.1132,
38.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB13A
RGB	220, 177, 58
RGB Percent	86%, 69%, 23%
CMY	0.1373, 0.3059, 0.7725
CMYK	0.00, 0.20, 0.74, 0.14
HSL	44°, 70%, 55%
HSV	44°, 74%, 86%
XYZ	46.0010, 46.9654, 10.6437
YIQ	176.2910, 63.8270, -27.8930

Conversions

Conversions Part 2

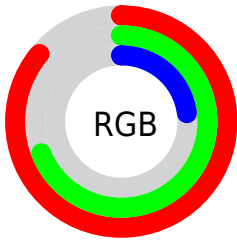
Format	Color
RYB	117, 220, 58
Decimal	14463290
CIELab	74.17, 3.91, 63.33
CIELCh	74, 63.451, 86.467
Yxy	46.9677, 0.4440, 0.4533
Android (android.graphics.Color)	4292653370 (0xFFDCB13A)
YUV	176.2910, -58.3175, 38.3328
Hunter-Lab	68.5313, -0.1132, 38.7635

Details

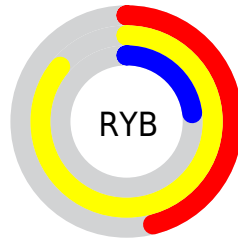
The HunterLab color **68.5313, -0.1132, 38.7635** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **39.2094, 19.3227, -77.8874**, and the grayscale version is **66.2291, -3.5338, 3.5984**.

A 20% lighter version of the original color is **89.5352, -10.9976, 44.6333**, and **47.1639, 0.8456, 29.0770** is the 20% darker color. If you saturate the color by 10%, you get **66.7323, 2.0576, 39.6729**, and if you desaturate by 10%, it is **70.4256, -1.9279, 36.9722**.

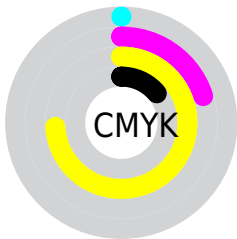
Distribution



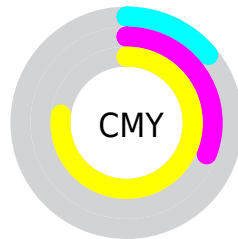
- Red (86%)
- Green (69%)
- Blue (23%)



- Red (46%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (20%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5313, -0.1132, 38.7635 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 68.5313, -0.1132, 38.7635 by changing the saturation by 10% instead.

68.5313, -0.1132,
38.7635

68.5313, -0.1132,
38.7635

193.5679, -5.3538,
72.4419

57.4544, 0.2774,
34.3182

92.5556, -1.0331,
47.0910

47.0470, 0.6226,
29.6463

105.4392, -1.5503,
51.0223

37.3571, 0.9144,
24.7271

118.8707, -2.1038,
54.8264

28.4425, 1.1457,
19.9097

132.8285, -2.6914,
58.5202

20.3775, 1.3068,
14.2643

147.2936, -3.3116,
62.1176

13.2634, 1.3828,
9.2844

162.2486, -3.9629,

6.7937, 2.1447,

65.6305

4.7556

177.6782, -4.6440,
69.0691

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5313, -0.1132,
38.7635

■ 68.5313, -0.1132,
38.7635

■ 66.7323, 2.0576,
39.6729

■ 70.4256, -1.9279,
36.9722

■ 65.0201, 4.5614,
39.7660

■ 72.4114, -3.3597,
34.2674

■ 63.9684, 6.2778,
39.5270

■ 74.4898, -4.4039,
30.6444

■ 76.6596, -5.0599,
26.1151

■ 78.9187, -5.3330,

20.7029

■ 81.2647, -5.2320,
14.4397

■ 83.6949, -4.7692,
7.3625

■ 86.2061, -3.9584,
-0.4886

■ 88.7590, -3.0143,
-8.5568

Harmonies

Analogous

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



68.5330, 30.7194, 35.2657



68.5313, -0.1132, 38.7635



68.5330, -27.2387, 36.6640

Triad

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



68.5330, -0.1162, 38.7641



68.5330, -47.5507, -25.0711



68.5330, 50.5609, -33.4481

Complementary

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



68.5313, -0.1132, 38.7635



39.2094, 19.3227, -77.8874

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.



68.5330, 23.6113, -64.6381



68.5313, -0.1132, 38.7635



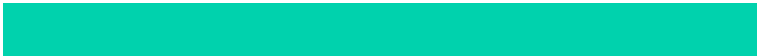
68.5330, -32.3663, -58.5297

Square

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



68.5330, -0.1162, 38.7641



68.5330, -51.7398, 6.9850



68.5330, -7.1340, -75.3538



68.5330, 62.9418, 0.3080

Rectangle

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



68.5313, -0.1132, 38.7635



68.5330, -40.2517, 31.5359



68.5330, -7.1340, -75.3538



68.5330, 42.7036, -45.0522

Sweetspot

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



68.5330, -0.1162, 38.7641



93.6827, -6.3137, 23.4585



43.8014, 59.4074, 11.2941



42.9974, -2.9089, 11.7278

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5330, -0.1162, 38.7641



77.8374, 3.8948, 47.0647



78.3971, -33.1520, 44.6998



38.2736, -2.3635, 5.3784



49.2006, 4.4566, 30.3952



13.0634, 0.1797, 8.0528

Inverse Universe

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



39.2094, 19.3227, -77.8874



38.5276, 35.7659, -121.2251



32.6648, 47.9458, -101.9327



36.2994, -1.4740, -1.5905



22.3343, 29.3232, -91.2164



6.8106, 4.4585, -18.1372

Previews

White Background



This preview shows how the HunterLab color 68.5313, -0.1132, 38.7635 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 68.5313, -0.1132, 38.7635 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 68.5313, -0.1132, 38.7635 Background



This preview shows how black text looks on a background with the HunterLab color 68.5313, -0.1132, 38.7635.



This preview shows how white text looks on a background with the HunterLab color 68.5313, -0.1132,

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

68.5313, -0.1132, 38.7635

Protanopia

68.5788, -8.9993, 38.4045

Deuteranopia

68.4550, 5.4863, 38.6940



Tritanopia

68.3978, 20.7181, 5.9983

Trichromacy



Original Color

68.5313, -0.1132, 38.7635

Protanomaly

68.6040, -5.8560, 38.5951

Deuteranomaly

68.3788, 3.7843, 38.6133

Tritanomaly

68.0191, 11.7996, 22.4598

Monochromacy



Original Color

68.5313, -0.1132, 38.7635

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

66.2952, -4.2854, 20.9303

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5313, -0.1132, 38.7635 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(220, 177, 58)` looks like.

```
.text, #text, p{  
    color:rgb(220, 177, 58)  
}
```

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(220, 177, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 177, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5313, -0.1132, 38.7635 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(220, 177, 58) }
```


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

```
.border{ border-color:rgb(220, 177, 58) }
```

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

Here you see how a box with a 4 pixel rgb(220, 177, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 177, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 177, 58);  
box-shadow:4px 4px 4px 4px rgb(220, 177,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5313, -0.1132, 38.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 177, 58) }
```

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

```
.background{ background-color: rgb(220,  
177, 58) }
```

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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