

Converting Colors

HunterLab(68.3314, -3.7928,
38.5658)

Have a look what the booklet for
HunterLab(68.3314, -3.7928,
38.5658) contains.

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Color

**HunterLab(68.3314, -3.7928,
38.5658)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B33A
RGB	213, 179, 58
RGB Percent	84%, 70%, 23%
CMY	0.1647, 0.2980, 0.7725
CMYK	0.00, 0.16, 0.73, 0.16
HSL	47°, 65%, 53%
HSV	47°, 73%, 84%
XYZ	44.3244, 46.6918, 10.6792
YIQ	175.3720, 59.1050, -30.4230

Conversions

Conversions Part 2

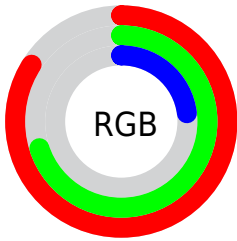
Format	Color
RYB	102, 213, 58
Decimal	14005050
CIELab	73.99, -0.16, 62.93
CIELCh	74, 62.925, 90.148
Yxy	46.6941, 0.4358, 0.4591
Android (android.graphics.Color)	4292195130 (0xFFD5B33A)
YUV	175.3720, -57.8644, 32.9998
Hunter-Lab	68.3314, -3.7928, 38.5658

Details

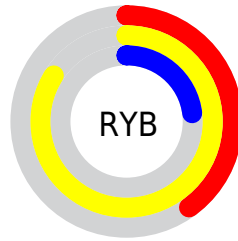
The HunterLab color **68.3314, -3.7928, 38.5658** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **36.5480, 21.9124, -79.2169**, and the grayscale version is **65.8461, -3.5134, 3.5775**.

A 20% lighter version of the original color is **90.1653, -11.9977, 45.0764**, and **46.9561, -2.6634, 28.8875** is the 20% darker color. If you saturate the color by 10%, you get **66.8425, -2.2238, 39.6181**, and if you desaturate by 10%, it is **69.9014, -5.0247, 36.6614**.

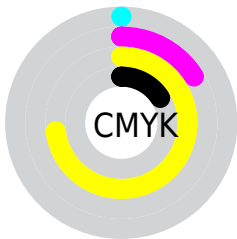
Distribution



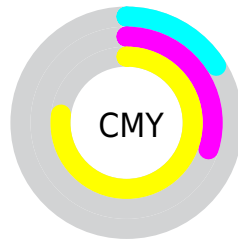
- Red (84%)
- Green (70%)
- Blue (23%)



- Red (40%)
- Yellow (84%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3314, -3.7928, 38.5658 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 68.3314, -3.7928, 38.5658 by changing the saturation by 10% instead.

68.3314, -3.7928,
38.5658

68.3314, -3.7928,
38.5658

193.2853,
-10.5300, 72.0733

57.2659, -3.1962,
34.1425

92.3346, -5.0930,
46.8508

46.8706, -2.6321,
29.4929

105.2084, -5.7878,
50.7619

37.1938, -2.1057,
24.5951

118.6305, -6.5116,
54.5465

28.2934, -1.6199,
19.8054

132.5792, -7.2632,
58.2213

20.2441, -1.1785,
14.1709

147.0355, -8.0418,
61.8005

13.1479, -0.7864,
9.2035

161.9821, -8.8463,

6.6492, -0.4619,

65.2957

4.6545

177.4034, -9.6759,
68.7171

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3314, -3.7928,
38.5658

■ 68.3314, -3.7928,
38.5658

■ 66.8425, -2.2238,
39.6181

■ 69.9014, -5.0247,
36.6614

■ 65.4254, -0.3396,
39.8855

■ 71.5496, -5.8925,
33.8672


■ 64.4375, 1.1649,
39.7265


■ 73.2787, -6.3896,
30.1700


■ 75.0884, -6.5130,
25.5722


■ 76.9781, -6.2650,

20.0883

 78.9464, -5.6517,
13.7417

 80.9915, -4.6822,
6.5620

 83.1116, -3.3680,
-1.4167

 85.3044, -1.7221,
-10.1577

Harmonies

Analogous

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



68.3330, 26.7621, 35.8153



68.3314, -3.7928, 38.5658



68.3330, -29.7400, 35.7569

Triad

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



68.3330, -3.7957, 38.5664



68.3330, -45.9137, -29.0989



68.3330, 52.4915, -28.7509

Complementary

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



68.3314, -3.7928, 38.5658



36.5480, 21.9124, -79.2169

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.



68.3330, 27.0577, -60.8689



68.3314, -3.7928, 38.5658



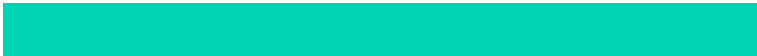
68.3330, -29.5264, -61.1224

Square

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



68.3330, -3.7957, 38.5664



68.3330, -51.4118, 3.5805



68.3330, -3.5037, -74.6587



68.3330, 62.4168, 3.8583

Rectangle

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



68.3314, -3.7928, 38.5658



68.3330, -41.7932, 29.9482



68.3330, -3.5037, -74.6587



68.3330, 45.2819, -40.3845

Sweetspot

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



68.3330, -3.7957, 38.5664



94.4978, -7.6511, 24.2320



42.4072, 56.1948, 12.2536



43.4203, -3.6021, 12.1195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3330, -3.7957, 38.5664



81.0426, -1.5867, 48.8496



75.2507, -33.2522, 42.6327



37.4650, -2.5252, 5.3792



50.5175, 0.6420, 31.1399



12.8696, -0.6276, 7.9192

Inverse Universe

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



36.5480, 21.9124, -79.2169



36.8119, 40.7276, -128.9807



32.4070, 46.3202, -94.3902



35.2788, -1.2175, -1.7063



20.7055, 32.8421, -96.7766



6.1918, 4.8956, -18.3075

Previews

White Background



This preview shows how the HunterLab color 68.3314, -3.7928, 38.5658 looks on a white background.

Color Contrast Check

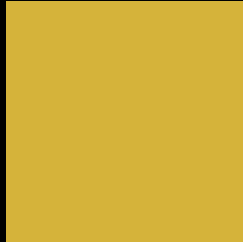
Large Text (above 18pt) WCAG AA × Fail

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 68.3314, -3.7928, 38.5658 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 68.3314, -3.7928, 38.5658 Background



This preview shows how black text looks on a background with the HunterLab color 68.3314, -3.7928, 38.5658.



This preview shows how white text looks on a background with the HunterLab color 68.3314, -3.7928,

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

68.3314, -3.7928, 38.5658

Protanopia

68.2708, -8.5652, 38.3248

Deuteranopia

68.3428, 5.1259, 38.4935



Tritanopia

68.1633, 17.3617, 4.7469

Trichromacy



Original Color

68.3314, -3.7928, 38.5658

Protanomaly

68.2854, -6.9774, 38.3624

Deuteranomaly

68.3108, 2.0959, 38.5382

Tritanomaly

67.7964, 8.3148, 21.5513

Monochromacy



Original Color

68.3314, -3.7928, 38.5658

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.9814, -5.4250, 20.9465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3314, -3.7928, 38.5658 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, 179, 58)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 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(213, 179, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3314, -3.7928, 38.5658 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, 179, 58) }
```


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

```
.border{ border-color:rgb(213, 179, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 58);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3314, -3.7928, 38.5658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 58) }
```

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

```
.background{ background-color: rgb(213,  
179, 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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