

Converting Colors

HunterLab(66.9849, -38.8128,
15.7978)

Have a look what the booklet for
HunterLab(66.9849, -38.8128,
15.7978) contains.

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Color

**HunterLab(66.9849,
-38.8128, 15.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	54C794
RGB	84, 199, 148
RGB Percent	33%, 78%, 58%
CMY	0.6706, 0.2196, 0.4196
CMYK	0.58, 0.00, 0.26, 0.22
HSL	153°, 51%, 55%
HSV	153°, 58%, 78%
XYZ	29.4249, 44.8698, 35.1268
YIQ	158.8010, -52.1690, -40.2410

Conversions

Conversions Part 2

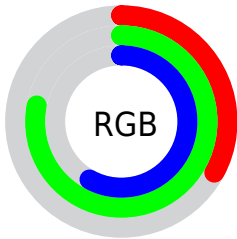
Format	Color
RYB	84, 158, 199
Decimal	5556116
CIELab	72.81, -44.54, 15.95
CIELCh	73, 47.310, 160.303
Yxy	44.8716, 0.2689, 0.4101
Android (android.graphics.Color)	4283746196 (0xFF54C794)
YUV	158.8010, -5.3249, -65.6005
Hunter-Lab	66.9849, -38.8128, 15.7978

Details

The HunterLab color **66.9849, -38.8128, 15.7978** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **44.9812, 44.6905, -1.7158**, and the grayscale version is **58.8379, -3.1394, 3.1968**.

A 20% lighter version of the original color is **90.2968, -44.2022, 18.1770**, and **45.6246, -32.3335, 12.8510** is the 20% darker color. If you saturate the color by 10%, you get **66.1900, -42.4305, 18.1028**, and if you desaturate by 10%, it is **67.9810, -34.4365, 13.5338**.

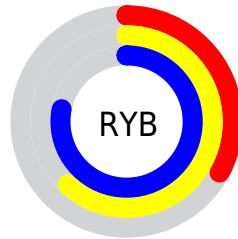
Distribution



Red (33%)

Green (78%)

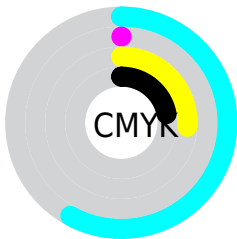
Blue (58%)



Red (33%)

Yellow (62%)

Blue (78%)

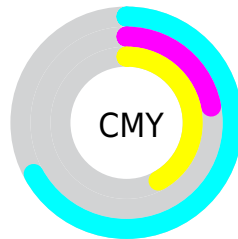


Cyan (58%)

Magenta (0%)

Yellow (26%)

Black (22%)



Cyan (67%)

Magenta (22%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.9849, -38.8128, 15.7978 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 66.9849, -38.8128, 15.7978 by changing the saturation by 10% instead.

■ 66.9849, -38.8128,
15.7978

■ 66.9849, -38.8128,
15.7978

191.3774,
-63.3253, 28.6133

■ 55.9967, -35.6772,
14.3399

■ 90.8447, -44.7273,
18.6643

■ 45.6840, -32.3791,
12.8520

■ 103.6519,
-47.5480, 20.0838

■ 36.0960, -28.8712,
11.3205

■ 117.0101,
-50.2985, 21.4998

■ 27.2923, -25.0813,
9.7234

■ 130.8975,
-52.9901, 22.9154

■ 19.3501, -20.8956,
8.0249

145.2945,
-55.6317, 24.3329

■ 12.3756, -17.9034,
6.6077

160.1838,

■ 5.5748, -9.7558,

-58.2309, 25.7542

3.9023

175.5495,
-60.7937, 27.1805

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9849, -38.8128,
15.7978

■ 66.9849, -38.8128,
15.7978

■ 66.1900, -42.4305,
18.1028

■ 67.9810, -34.4365,
13.5338

■ 65.5817, -45.2955,
20.4134

■ 69.1805, -29.3158,
11.3396

■ 65.1458, -47.4460,
22.6947

■ 70.5874, -23.4871,
9.2432

■ 64.8555, -48.9754,
24.9051

■ 72.2015, -17.0014,
7.2677

■ 64.8001, -49.2738,

■ 74.0198, -9.9191,

25.3735

5.4312

■ 76.0374, -2.3066,
3.7473

■ 78.2478, 5.7686,
2.2249

■ 80.6434, 14.2402,
0.8684

■ 82.2669, 20.0437,
-1.5581

Harmonies

Analogous

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



66.9862, -28.7136, 27.5787



66.9849, -38.8128, 15.7978



66.9862, -40.1998, -3.9270

Triad

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



66.9862, -38.8135, 15.7985



66.9862, 4.1270, -48.9971



66.9862, 31.6826, 24.7379

Complementary

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



66.9849, -38.8128, 15.7978



44.9812, 44.6905, -1.7158

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.



66.9862, 43.1271, 10.4270



66.9849, -38.8128, 15.7978



66.9862, 25.9160, -34.6935

Square

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



66.9862, -38.8135, 15.7985



66.9862, -17.1968, -46.1371



66.9862, 40.8908, -11.3199



66.9862, 11.2244, 31.4720

Rectangle

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



66.9849, -38.8128, 15.7978



66.9862, -36.2148, -19.8972



66.9862, 40.8908, -11.3199



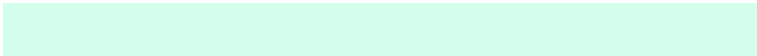
66.9862, 36.8234, 20.8829

Sweetspot

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



66.9862, -38.8135, 15.7985



95.6599, -22.0106, 9.4808



68.3390, -35.6498, 34.2087



44.0436, -11.0274, 4.6252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.9862, -38.8135, 15.7985



87.3828, -57.0721, 24.6345



66.5287, -27.6387, -7.6448



34.6194, -5.2058, 2.6834



51.9786, -39.4049, 20.0952



11.3741, -8.1828, 3.4477

Inverse Universe

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



44.9812, 44.6905, -1.7158



54.1261, 70.6089, -0.3935



44.7811, 36.3911, 17.1252



32.7319, 1.7577, 1.0541



28.7758, 50.9226, 5.8574



6.3766, 11.4989, -0.3668

Previews

White Background



This preview shows how the HunterLab color 66.9849, -38.8128, 15.7978 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 66.9849, -38.8128, 15.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

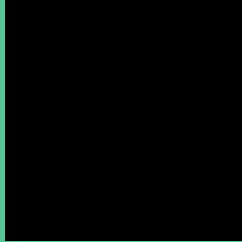
Any Text WCAG AA ✓ Pass

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 66.9849, -38.8128, 15.7978 Background



This preview shows how black text looks on a background with the HunterLab color 66.9849, -38.8128, 15.7978.



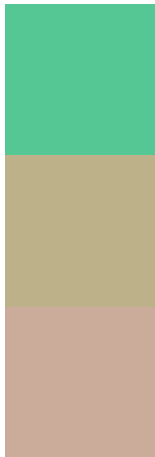
This preview shows how white text looks on a background with the HunterLab color 66.9849,

-38.8128, 15.7978.

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

66.9849, -38.8128, 15.7978

Protanopia

66.4064, -5.2081, 19.3601

Deuteranopia

66.4495, 4.6596, 13.7496



Tritanopia

66.8208, -22.1396, -11.5915

Trichromacy



Original Color

66.9849, -38.8128, 15.7978



Protanomaly

65.7497, -20.0590, 17.0866



Deuteranomaly

65.4128, -14.3557, 13.1305



Tritanomaly

66.7949, -28.7603, -0.5797

Monochromacy



Original Color

66.9849, -38.8128, 15.7978



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.2733, -18.1778, 7.4315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.9849, -38.8128, 15.7978 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(84, 199, 148)` looks like.

```
.text, #text, p{  
  color:rgb(84, 199, 148)  
}
```

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(84, 199, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 199, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 66.9849, -38.8128, 15.7978 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(84, 199, 148) }
```


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

```
.border{ border-color:rgb(84, 199, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 199, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 199, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 199, 148);  
box-shadow:4px 4px 4px 4px rgb(84, 199,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.9849, -38.8128, 15.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 199, 148) }
```

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

```
.background{ background-color: rgb(84, 199,  
148) }
```

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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