

Converting Colors

HunterLab(68.5390, -49.1468,
20.8999)

Have a look what the booklet for
HunterLab(68.5390, -49.1468,
20.8999) contains.

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Color

**HunterLab(68.5390,
-49.1468, 20.8999)**

Conversions

Conversions Part 1

Format	Color
Hex	09D089
RGB	9, 208, 137
RGB Percent	4%, 82%, 54%
CMY	0.9646, 0.1843, 0.4627
CMYK	0.96, 0.00, 0.34, 0.18
HSL	159°, 92%, 43%
HSV	159°, 96%, 82%
XYZ	27.1839, 46.9759, 31.3014
YIQ	140.4050, -95.8130, -64.2690

Conversions

Conversions Part 2

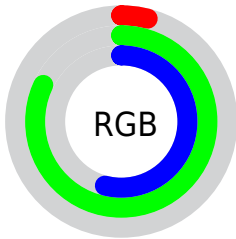
Format	Color
RYB	9, 130, 208
Decimal	643209
CIELab	74.18, -59.25, 23.48
CIELCh	74, 63.736, 158.387
Yxy	46.9778, 0.2578, 0.4454
Android (android.graphics.Color)	4278833289 (0xFF09D089)
YUV	140.4050, -1.6787, -115.2422
Hunter-Lab	68.5390, -49.1468, 20.8999

Details

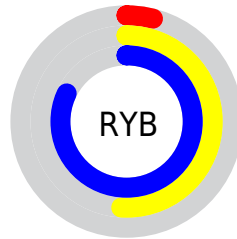
The HunterLab color **68.5390, -49.1468, 20.8999** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **37.6638, 64.7031, 12.3879**, and the grayscale version is **51.4090, -2.7431, 2.7931**.

A 20% lighter version of the original color is **88.4447, -52.1060, 20.5447**, and **48.1088, -36.1470, 17.8992** is the 20% darker color. If you saturate the color by 10%, you get **68.4315, -49.7319, 21.8235**, and if you desaturate by 10%, it is **68.8573, -47.5179, 18.7317**.

Distribution



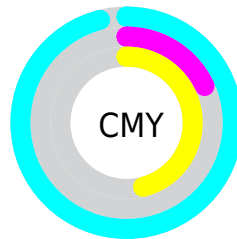
- Red (4%)
- Green (82%)
- Blue (54%)



- Red (4%)
- Yellow (51%)
- Blue (82%)



- Cyan (96%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)





- Cyan (96%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.5390, -49.1468, 20.8999 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 68.5390, -49.1468, 20.8999 by changing the saturation by 10% instead.


 68.5390, -49.1468,
20.8999


 68.5390, -49.1468,
20.8999


193.5784,
-79.9236, 36.7823

 57.4614, -45.1089,
18.9995


 92.5638, -56.6988,
24.5686


 47.0535, -40.8380,
17.0342


 105.4478,
-60.2713, 26.3561


 37.3631, -36.2707,
14.9819


 118.8796,
-63.7369, 28.1222

 28.4480, -31.3136,
12.8095

 132.8378,
-67.1115, 29.8722

 20.3824, -25.8254,
10.4662

 147.3031,
-70.4078, 31.6101

 13.2677, -22.6119,
8.9862

162.2585,

 6.7990, -11.8982,

-73.6364, 33.3394

4.7593

177.6883,
-76.8059, 35.0627

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5390, -49.1468,
20.8999

■ 68.5390, -49.1468,
20.8999

■ 68.4315, -49.7319,
21.8235

■ 68.8573, -47.5179,
18.7317

■ 69.3320, -45.2328,
16.5836

■ 69.9867, -42.2198,
14.4955

■ 70.8368, -38.4433,
12.5023

■ 71.8928, -33.8965,

10.6350

■ 73.1608, -28.5965,
8.9200

■ 74.6436, -22.5798,
7.3786

■ 76.3406, -15.8971,
6.0271

■ 78.2488, -8.6094,
4.8759

Harmonies

Analogous

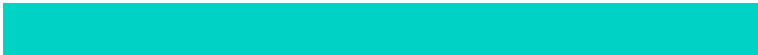
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5404, -35.6883, 34.1468



68.5390, -49.1468, 20.8999



68.5404, -51.5690, -4.6900

Triad

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



68.5404, -49.1474, 20.9004



68.5404, 4.8837, -74.8885



68.5404, 47.1880, 29.6498

Complementary

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



68.5390, -49.1468, 20.8999



37.6638, 64.7031, 12.3879

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.



68.5404, 62.6085, 11.2026



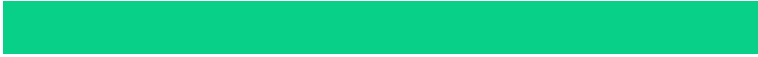
68.5390, -49.1468, 20.8999



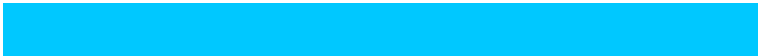
68.5404, 35.6006, -54.0969

Square

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



68.5404, -49.1474, 20.9004



68.5404, -23.4844, -68.5903



68.5404, 58.0407, -19.4920



68.5404, 18.7080, 37.4899

Rectangle

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



68.5390, -49.1468, 20.8999



68.5404, -47.0757, -27.5095



68.5404, 58.0407, -19.4920



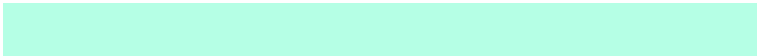
68.5404, 54.2741, 24.8871

Sweetspot

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



68.5404, -49.1474, 20.9004



93.2659, -31.3170, 9.9772



68.5026, -51.9115, 41.0781



42.7808, -15.9872, 5.0074

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5404, -49.1474, 20.9004



86.1399, -62.7547, 27.8021



61.5244, -26.0877, -20.0552



36.5137, -5.3737, 2.4889



54.0409, -39.1527, 16.9730



12.8365, -8.9028, 3.1742

Inverse Universe

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



37.6638, 64.7031, 12.3879



46.9203, 81.9618, 17.8434



38.2946, 57.3465, 24.2000



34.4629, 1.7426, 1.4610



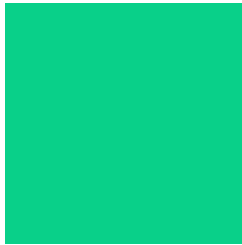
29.4696, 51.5766, 10.4466



7.0750, 12.5860, 0.9295

Previews

White Background



This preview shows how the HunterLab color 68.5390, -49.1468, 20.8999 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 68.5390, -49.1468, 20.8999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

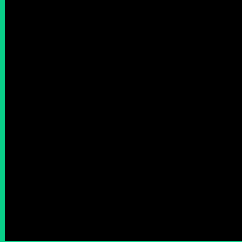
Any Text WCAG AA ✓ Pass

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 68.5390, -49.1468, 20.8999 Background



This preview shows how black text looks on a background with the HunterLab color 68.5390, -49.1468, 20.8999.



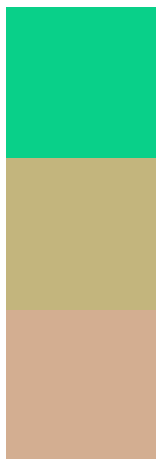
This preview shows how white text looks on a background with the HunterLab color 68.5390,

-49.1468, 20.8999.

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

68.5390, -49.1468, 20.8999

Protanopia

67.9195, -6.5566, 24.7999

Deuteranopia

67.9451, 4.8621, 18.5768



Tritanopia

68.3454, -27.6519, -14.1419

Trichromacy



Original Color

68.5390, -49.1468, 20.8999



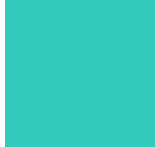
Protanomaly

65.8473, -30.2603, 21.3444



Deuteranomaly

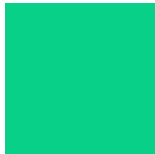
65.1721, -23.8795, 16.4593



Tritanomaly

68.1961, -37.1405, 0.4979

Monochromacy



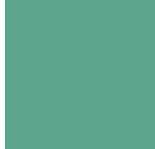
Original Color

68.5390, -49.1468, 20.8999



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.7222, -25.3448, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5390, -49.1468, 20.8999 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(9, 208, 137)` looks like.

```
.text, #text, p{  
    color:rgb(9, 208, 137)  
}
```

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(9, 208, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 208, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5390, -49.1468, 20.8999 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(9, 208, 137) }
```


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

```
.border{ border-color:rgb(9, 208, 137) }
```

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

Here you see how a box with a 4 pixel rgb(9, 208, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 208, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 208, 137);  
box-shadow:4px 4px 4px 4px rgb(9, 208,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5390, -49.1468, 20.8999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 208, 137) }
```

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

```
.background{ background-color: rgb(9, 208,  
137) }
```

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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