

Converting Colors

HunterLab(67.0389, -48.1324,
20.1111)

Have a look what the booklet for
HunterLab(67.0389, -48.1324,
20.1111) contains.

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Color

**HunterLab(67.0336,
-48.1652, 20.1888)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC87
RGB	0, 204, 135
RGB Percent	0%, 80%, 53%
CMY	0.9999, 0.2000, 0.4706
CMYK	1.00, 0.00, 0.34, 0.20
HSL	160°, 100%, 40%
HSV	160°, 100%, 80%
XYZ	25.9661, 44.9350, 30.2264
YIQ	135.1380, -99.4350, -64.7070

Conversions

Conversions Part 2

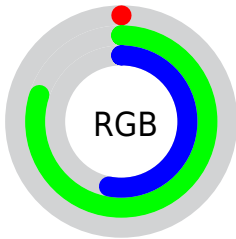
Format	Color
RYB	0, 123, 204
Decimal	52359
CIELab	72.85, -58.54, 22.72
CIELCh	73, 62.791, 158.787
Yxy	44.9368, 0.2568, 0.4443
Android (android.graphics.Color)	4278242439 (0xFF00CC87)
YUV	135.1380, -0.0680, -118.5160
Hunter-Lab	67.0336, -48.1652, 20.1888

Details

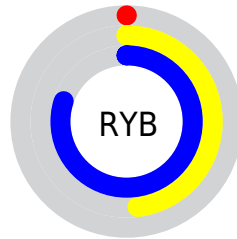
The HunterLab color **67.0336, -48.1652, 20.1888** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.4256, 63.5571, 14.3877**, and the grayscale version is **49.3087, -2.6310, 2.6790**.

A 20% lighter version of the original color is **88.3283, -52.6726, 21.1888**, and **46.7287, -35.0590, 17.2756** is the 20% darker color. If you saturate the color by 10%, you get **67.0347, -48.1671, 20.1914**, and if you desaturate by 10%, it is **67.2983, -46.7787, 18.1377**.

Distribution



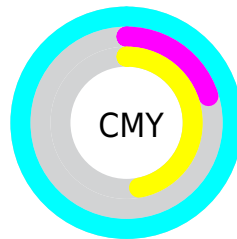
- Red (0%)
- Green (80%)
- Blue (53%)



- Red (0%)
- Yellow (48%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.0336, -48.1652, 20.1888 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 67.0336, -48.1652, 20.1888 by changing the saturation by 10% instead.


 67.0336, -48.1652,
20.1888


 67.0336, -48.1652,
20.1888


191.4465,
-78.7391, 35.7762


 56.0425, -44.1456,
18.3271


 90.8986, -55.6750,
23.7841

 45.7269, -39.8897,
16.4018


 103.7082,
-59.2250, 25.5369


 36.1356, -35.3318,
14.3906


 117.0688,
-62.6676, 27.2695

 27.3284, -30.3746,
12.2598

 130.9583,
-66.0191, 28.9869

 19.3822, -24.8699,
9.9570

 145.3575,
-69.2923, 30.6933

 12.4033, -21.7058,
8.6823

160.2489,

 5.6173, -9.8303,

-72.4978, 32.3920

3.9321

175.6166,
-75.6443, 34.0856

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0336, -48.1652,
20.1888

■ 67.0336, -48.1652,
20.1888

■ 67.0347, -48.1671,
20.1914

■ 67.2983, -46.7787,
18.1377

■ 67.6896, -44.8565,
16.0912

■ 68.2472, -42.2558,
14.1032

■ 68.9888, -38.9275,
12.2091

■ 69.9264, -34.8531,

10.4400

■ 71.0680, -30.0390,
8.8223

■ 72.4175, -24.5120,
7.3778

■ 73.9759, -18.3154,
6.1229

■ 75.7414, -11.5036,
5.0687

Harmonies

Analogous

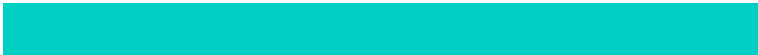
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.0349, -35.1473, 33.2873



67.0336, -48.1652, 20.1888



67.0349, -50.3905, -4.9999

Triad

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



67.0349, -48.1658, 20.1893



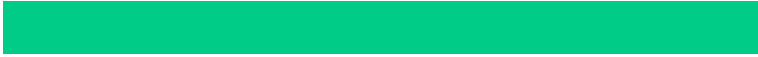
67.0349, 5.1810, -73.1212



67.0349, 45.8344, 29.1573

Complementary

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



67.0336, -48.1652, 20.1888



36.4256, 63.5571, 14.3877

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.



67.0349, 61.1453, 11.2797



67.0336, -48.1652, 20.1888



67.0349, 35.1847, -52.4954

Square

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



67.0349, -48.1658, 20.1893



67.0349, -22.6447, -67.3313



67.0349, 56.9470, -18.6031



67.0349, 17.8855, 36.7160

Rectangle

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



67.0336, -48.1652, 20.1888



67.0349, -45.9002, -27.3679



67.0349, 56.9470, -18.6031



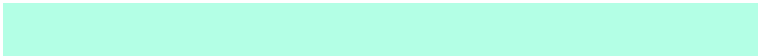
67.0349, 52.8293, 24.5494

Sweetspot

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



67.0349, -48.1658, 20.1893



93.1172, -31.8462, 9.5643



66.7403, -52.0105, 40.2140



42.7240, -16.1825, 4.7808

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0349, -48.1658, 20.1893



86.2409, -62.1337, 26.3352



58.6541, -23.7593, -22.0218



35.5809, -5.1978, 2.3513



53.1982, -38.1090, 15.7734



12.1400, -8.3064, 2.7571

Inverse Universe

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



36.4256, 63.5571, 14.3877



46.8360, 81.6515, 19.0749



37.1457, 56.9702, 23.8854



33.5786, 1.6592, 1.4982



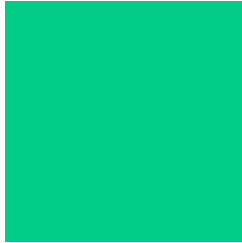
28.9244, 50.5233, 11.0204



6.6764, 11.8663, 0.9586

Previews

White Background



This preview shows how the HunterLab color 67.0336, -48.1652, 20.1888 looks on a white background.

Color Contrast Check

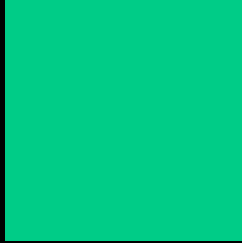
Large Text (above 18pt) WCAG AA × Fail

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 67.0336, -48.1652, 20.1888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

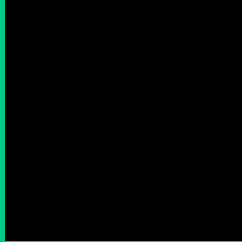
Any Text WCAG AA ✓ Pass

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 67.0336, -48.1652, 20.1888 Background



This preview shows how black text looks on a background with the HunterLab color 67.0336, -48.1652, 20.1888.



This preview shows how white text looks on a background with the HunterLab color 67.0336, -48.1652, 20.1888.

-48.1652, 20.1888.

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

67.0336, -48.1652, 20.1888

Protanopia

66.3934, -5.8636, 24.0746

Deuteranopia

66.2227, 4.8295, 17.6245



Tritanopia

67.0991, -27.6496, -13.0145

Trichromacy



Original Color

67.0336, -48.1652, 20.1888



Protanomaly

64.1954, -29.9616, 20.4880



Deuteranomaly

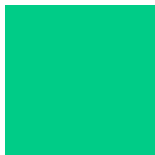
63.3835, -24.1214, 15.4257



Tritanomaly

66.6070, -36.6383, 0.5232

Monochromacy



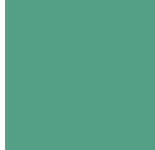
Original Color

67.0336, -48.1652, 20.1888



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.7302, -24.9877, 7.3773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0336, -48.1652, 20.1888 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(0, 204, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 135)  
}
```

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(0, 204, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0336, -48.1652, 20.1888 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(0, 204, 135) }
```


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

```
.border{ border-color:rgb(0, 204, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0336, -48.1652, 20.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 135) }
```

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

```
.background{ background-color: rgb(0, 204,  
135) }
```

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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