

Converting Colors

HunterLab(68.2584, -47.1078,
16.3752)

Have a look what the booklet for
HunterLab(68.2584, -47.1078,
16.3752) contains.

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Color

**HunterLab(68.4073,
-47.3350, 16.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	00CF95
RGB	0, 207, 149
RGB Percent	0%, 81%, 58%
CMY	0.9999, 0.1882, 0.4157
CMYK	1.00, 0.00, 0.28, 0.19
HSL	163°, 100%, 41%
HSV	163°, 100%, 81%
XYZ	27.7376, 46.7956, 36.0044
YIQ	138.4950, -104.7540, -61.9220

Conversions

Conversions Part 2

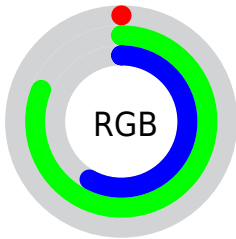
Format	Color
RYB	0, 120, 207
Decimal	53141
CIELab	74.06, -56.53, 16.97
CIELCh	74, 59.027, 163.289
Yxy	46.7974, 0.2509, 0.4233
Android (android.graphics.Color)	4278243221 (0xFF00CF95)
YUV	138.4950, 5.1790, -121.4601
Hunter-Lab	68.4073, -47.3350, 16.6794

Details

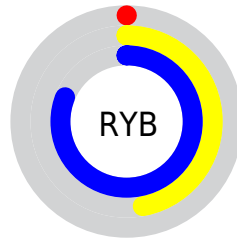
The HunterLab color **68.4073, -47.3350, 16.6794** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.8403, 63.9167, 17.3727**, and the grayscale version is **50.6239, -2.7012, 2.7505**.

A 20% lighter version of the original color is **88.7217, -50.3760, 16.0308**, and **47.9740, -34.5755, 14.6752** is the 20% darker color. If you saturate the color by 10%, you get **68.4084, -47.3367, 16.6819**, and if you desaturate by 10%, it is **68.6612, -46.0212, 14.8001**.

Distribution



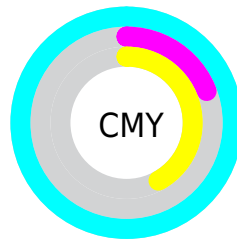
- Red (0%)
- Green (81%)
- Blue (58%)



- Red (0%)
- Yellow (47%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4073, -47.3350, 16.6794 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 68.4073, -47.3350, 16.6794 by changing the saturation by 10% instead.

■ 68.4073, -47.3350,
16.6794

■ 68.4073, -47.3350,
16.6794

193.3922,
-76.9335, 29.9044

■ 57.3372, -43.4677,
15.1649

■ 92.4182, -54.5778,
19.6504

■ 46.9373, -39.3812,
13.6171

■ 105.2957,
-58.0086, 21.1185

■ 37.2556, -35.0149,
12.0216

■ 118.7213,
-61.3397, 22.5813

■ 28.3498, -30.2797,
10.3560

■ 132.6735,
-64.5859, 24.0418

■ 20.2946, -25.0391,
8.5841

■ 147.1331,
-67.7593, 25.5025

■ 13.1916, -21.7411,
6.9500

162.0829,

■ 6.7042, -11.7324,

-70.8698, 26.9656

4.6930

177.5073,
-73.9256, 28.4324

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4073, -47.3350,
16.6794

■ 68.4073, -47.3350,
16.6794

■ 68.4084, -47.3367,
16.6819

■ 68.6612, -46.0212,
14.8001

■ 69.0411, -44.1820,
12.9705

■ 69.5869, -41.6730,
11.2456

■ 70.3169, -38.4426,
9.6597

■ 71.2436, -34.4692,

8.2415

■ 72.3751, -29.7560,
7.0146

■ 73.7161, -24.3273,
5.9967

■ 75.2677, -18.2233,
5.2000

■ 77.0285, -11.4966,
4.6311

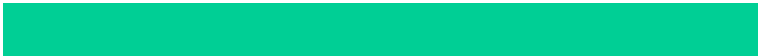
Harmonies

Analogous

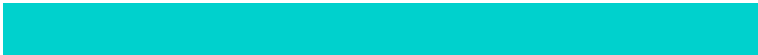
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4086, -36.3031, 31.1753



68.4073, -47.3350, 16.6794



68.4086, -47.9310, -8.8947

Triad

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



68.4086, -47.3355, 16.6800



68.4086, 8.9468, -65.6621



68.4086, 39.3070, 30.0381

Complementary

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



68.4073, -47.3350, 16.6794



36.8403, 63.9167, 17.3727

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.



68.4086, 55.8737, 14.3187



68.4073, -47.3350, 16.6794



68.4086, 36.5657, -44.0161

Square

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



68.4086, -47.3355, 16.6800



68.4086, -18.2213, -64.2078



68.4086, 54.7978, -12.3985



68.4086, 12.2449, 36.5297

Rectangle

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



68.4073, -47.3350, 16.6794



68.4086, -42.5232, -30.0885



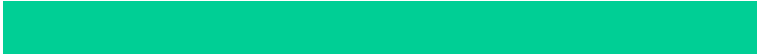
68.4086, 54.7978, -12.3985



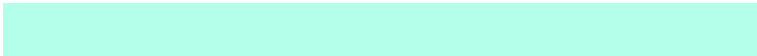
68.4086, 46.4662, 26.0004

Sweetspot

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



68.4086, -47.3355, 16.6800



93.2522, -31.0688, 7.6346



67.4885, -54.3691, 40.6337



42.7945, -15.7741, 3.7730

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4086, -47.3355, 16.6800



86.5803, -60.0519, 21.4170



55.1374, -18.1100, -29.8213



36.5352, -5.2536, 2.1813



54.3139, -37.4781, 13.0168



12.8942, -8.5502, 2.3407

Inverse Universe

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



36.8403, 63.9167, 17.3727



46.6056, 80.8023, 22.4509



38.9006, 54.2863, 24.9198



34.4411, 1.6254, 1.7718



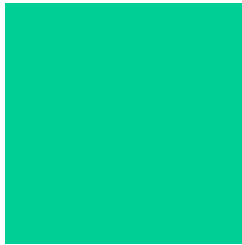
29.2649, 50.8228, 13.4394



7.0178, 12.3769, 1.7537

Previews

White Background



This preview shows how the HunterLab color 68.4073, -47.3350, 16.6794 looks on a white background.

Color Contrast Check

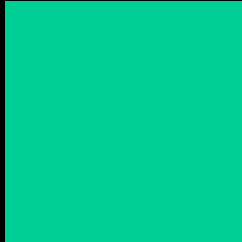
Large Text (above 18pt) WCAG AA × Fail

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 68.4073, -47.3350, 16.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

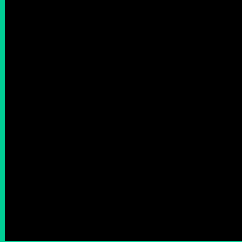
Any Text WCAG AA ✓ Pass

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 68.4073, -47.3350, 16.6794 Background



This preview shows how black text looks on a background with the HunterLab color 68.4073, -47.3350, 16.6794.



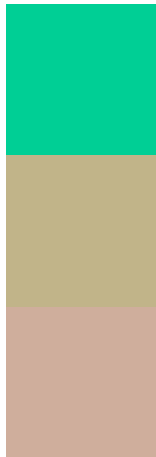
This preview shows how white text looks on a background with the HunterLab color 68.4073, -47.3350, 16.6794.

-47.3350, 16.6794.

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

68.4073, -47.3350, 16.6794

Protanopia

67.6654, -5.4327, 20.8625

Deuteranopia

67.7774, 4.8244, 14.3347



Tritanopia

68.5435, -28.6143, -13.8755

Trichromacy



Original Color

68.4073, -47.3350, 16.6794



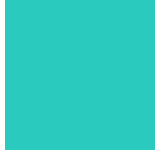
Protanomaly

65.5446, -29.2188, 17.0821



Deuteranomaly

65.0563, -23.7858, 12.2052



Tritanomaly

68.2028, -36.8590, -1.4679

Monochromacy



Original Color

68.4073, -47.3350, 16.6794



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

55.3252, -25.0068, 5.8045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4073, -47.3350, 16.6794 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, 207, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 149)  
}
```

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, 207, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4073, -47.3350, 16.6794 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, 207, 149) }
```


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

```
.border{ border-color:rgb(0, 207, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4073, -47.3350, 16.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 149) }
```

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

```
.background{ background-color: rgb(0, 207,  
149) }
```

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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