

Converting Colors

HunterLab(69.1879, -47.8753,
16.8701)

Have a look what the booklet for
HunterLab(69.1879, -47.8753,
16.8701) contains.

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Color

**HunterLab(69.1631,
-47.7742, 16.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	00D197
RGB	0, 209, 151
RGB Percent	0%, 82%, 59%
CMY	0.9999, 0.1804, 0.4078
CMYK	1.00, 0.00, 0.28, 0.18
HSL	163°, 100%, 41%
HSV	163°, 100%, 82%
XYZ	28.3864, 47.8353, 37.0152
YIQ	139.8970, -105.9460, -62.3460

Conversions

Conversions Part 2

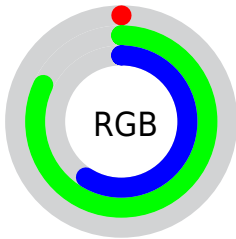
Format	Color
RYB	0, 121, 209
Decimal	53655
CIELab	74.72, -56.82, 16.83
CIELCh	75, 59.263, 163.500
Yxy	47.8372, 0.2507, 0.4224
Android (android.graphics.Color)	4278243735 (0xFF00D197)
YUV	139.8970, 5.4738, -122.6897
Hunter-Lab	69.1631, -47.7742, 16.6829

Details

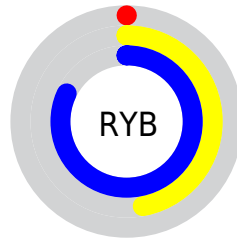
The HunterLab color **69.1631, -47.7742, 16.6829** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **37.2318, 64.5783, 17.6928**, and the grayscale version is **51.1822, -2.7310, 2.7808**.

A 20% lighter version of the original color is **88.7758, -50.0521, 15.2528**, and **48.6853, -35.0007, 14.7041** is the 20% darker color. If you saturate the color by 10%, you get **69.1642, -47.7761, 16.6856**, and if you desaturate by 10%, it is **69.4182, -46.4544, 14.7929**.

Distribution



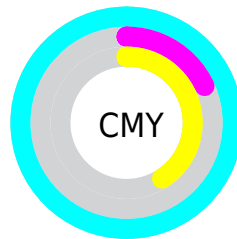
- Red (0%)
- Green (82%)
- Blue (59%)



- Red (0%)
- Yellow (47%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.1631, -47.7742, 16.6829 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 69.1631, -47.7742, 16.6829 by changing the saturation by 10% instead.

■ 69.1631, -47.7742,
16.6829

■ 69.1631, -47.7742,
16.6829

194.4599,
-77.4459, 29.8499

■ 58.0500, -43.9015,
15.1783

■ 93.2534, -55.0310,
19.6372

■ 47.6043, -39.8114,
13.6418

■ 106.1679,
-58.4697, 21.0981

■ 37.8733, -35.4445,
12.0597

■ 119.6291,
-61.8091, 22.5542

■ 28.9141, -30.7134,
10.4104

■ 133.6155,
-65.0637, 24.0085

■ 20.7998, -25.4852,
8.6592

■ 148.1080,
-68.2457, 25.4635

■ 13.6298, -21.7310,
6.9402

163.0897,

■ 7.2303, -12.6530,

-71.3649, 26.9210

5.0612

178.5450,
-74.4294, 28.3828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.1631, -47.7742,
16.6829

■ 69.1631, -47.7742,
16.6829

■ 69.1642, -47.7761,
16.6856

■ 69.4182, -46.4544,
14.7929


■ 69.8007, -44.6032,
12.9553


■ 70.3510, -42.0754,
11.2254


■ 71.0874, -38.8183,
9.6378


■ 72.0227, -34.8100,

8.2217

 73.1653, -30.0535,
7.0006

 74.5197, -24.5731,
5.9924

 76.0873, -18.4095,
5.2090

 77.8664, -11.6156,
4.6572

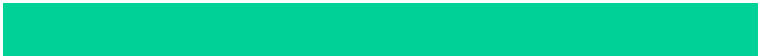
Harmonies

Analogous

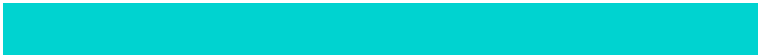
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1645, -36.7204, 31.3878



69.1631, -47.7742, 16.6829



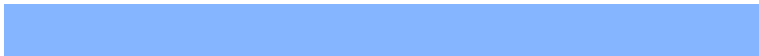
69.1645, -48.3015, -9.1615

Triad

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



69.1645, -47.7747, 16.6835



69.1645, 9.2061, -65.9972



69.1645, 39.4153, 30.3805

Complementary

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



69.1631, -47.7742, 16.6829



37.2318, 64.5783, 17.6928

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.



69.1645, 56.2027, 14.5953



69.1631, -47.7742, 16.6829



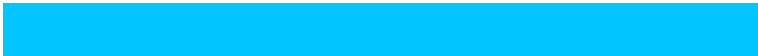
69.1645, 36.9943, -44.0930

Square

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



69.1645, -47.7747, 16.6835



69.1645, -18.2038, -64.7142



69.1645, 55.2527, -12.2560



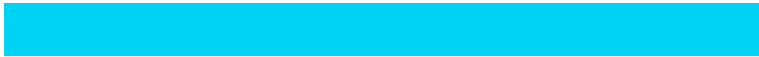
69.1645, 12.1199, 36.8891

Rectangle

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



69.1631, -47.7742, 16.6829



69.1645, -42.7971, -30.5124



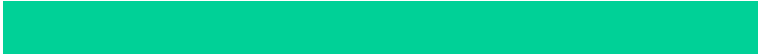
69.1645, 55.2527, -12.2560



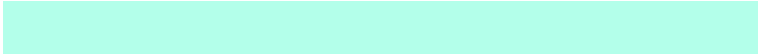
69.1645, 46.6534, 26.3268

Sweetspot

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



69.1645, -47.7747, 16.6835



93.2585, -31.0325, 7.5445



68.2200, -54.9685, 41.0739



42.7978, -15.7550, 3.7259

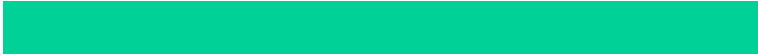
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.1645, -47.7747, 16.6835



86.5969, -59.9508, 21.1781



55.7280, -18.2948, -30.1605



36.5360, -5.2494, 2.1705



54.3242, -37.4156, 12.8692



12.8964, -8.5372, 2.3101

Inverse Universe

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



37.2318, 64.5783, 17.6928



46.5962, 80.7675, 22.5894



39.3138, 54.9061, 25.1852



34.4404, 1.6213, 1.7826



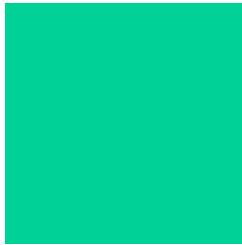
29.2587, 50.7999, 13.5305



7.0159, 12.3702, 1.7803

Previews

White Background



This preview shows how the HunterLab color 69.1631, -47.7742, 16.6829 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 69.1631, -47.7742, 16.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

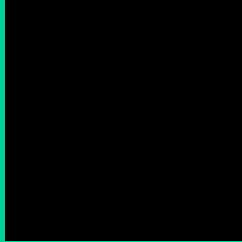
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

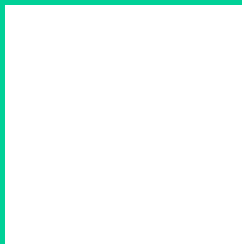
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.1631, -47.7742, 16.6829 Background



This preview shows how black text looks on a background with the HunterLab color 69.1631, -47.7742, 16.6829.



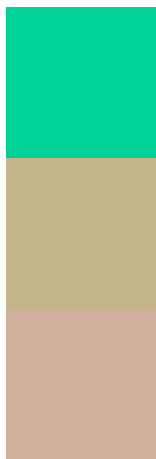
This preview shows how white text looks on a background with the HunterLab color 69.1631,

-47.7742, 16.6829.

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

69.1631, -47.7742, 16.6829

Protanopia

68.4997, -5.4937, 20.9710

Deuteranopia

68.6109, 4.7865, 14.4083



Tritanopia

69.3168, -28.9467, -13.9439

Trichromacy



Original Color

69.1631, -47.7742, 16.6829



Protanomaly

66.3080, -29.5733, 17.1048



Deuteranomaly

65.8176, -24.1308, 12.1992



Tritanomaly

68.9721, -37.2193, -1.5211

Monochromacy



Original Color

69.1631, -47.7742, 16.6829



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.7205, -25.0832, 5.8197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.1631, -47.7742, 16.6829 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, 209, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 151)  
}
```

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, 209, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 69.1631, -47.7742, 16.6829 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, 209, 151) }
```


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

```
.border{ border-color:rgb(0, 209, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.1631, -47.7742, 16.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 151) }
```

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

```
.background{ background-color: rgb(0, 209,  
151) }
```

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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