

Converting Colors

HunterLab(67.6863, -44.1765,
10.7623)

Have a look what the booklet for
HunterLab(67.6863, -44.1765,
10.7623) contains.

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Color

**HunterLab(67.6979,
-44.1062, 10.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCA3
RGB	0, 204, 163
RGB Percent	0%, 80%, 64%
CMY	0.9999, 0.2000, 0.3608
CMYK	1.00, 0.00, 0.20, 0.20
HSL	168°, 100%, 40%
HSV	168°, 100%, 80%
XYZ	28.2037, 45.8301, 42.0100
YIQ	138.3300, -108.4230, -55.9990

Conversions

Conversions Part 2

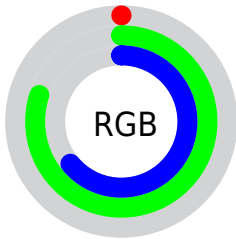
Format	Color
RYB	0, 113, 204
Decimal	52387
CIELab	73.44, -52.00, 8.60
CIELCh	73, 52.705, 170.610
Yxy	45.8318, 0.2430, 0.3949
Android (android.graphics.Color)	4278242467 (0xFF00CCA3)
YUV	138.3300, 12.1623, -121.3154
Hunter-Lab	67.6979, -44.1062, 10.5961

Details

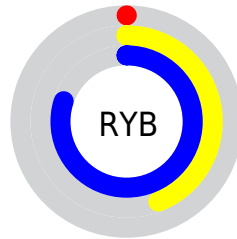
The HunterLab color **67.6979, -44.1062, 10.5961** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.0537, 62.1835, 19.8506**, and the grayscale version is **50.5330, -2.6963, 2.7456**.

A 20% lighter version of the original color is **89.1434, -47.8551, 9.9756**, and **47.5842, -32.1929, 10.0191** is the 20% darker color. If you saturate the color by 10%, you get **67.6989, -44.1080, 10.5987**, and if you desaturate by 10%, it is **67.9222, -42.9792, 9.1447**.

Distribution



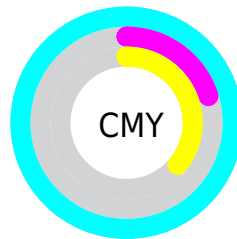
- Red (0%)
- Green (80%)
- Blue (64%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



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





- Cyan (100%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.6979, -44.1062, 10.5961 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 67.6979, -44.1062, 10.5961 by changing the saturation by 10% instead.


 67.6979, -44.1062,
10.5961


 67.6979, -44.1062,
10.5961


192.3882,
-71.7822, 20.5439

 56.6685, -40.5140,
9.5520


 91.6337, -50.8479,
12.7131


 46.3119, -36.7234,
8.5119


 104.4762,
-54.0483, 13.7887


 36.6767, -32.6782,
7.4709


 117.8683,
-57.1599, 14.8776

 27.8216, -28.2948,
6.4206

 131.7883,
-60.1964, 15.9807

 19.8224, -23.4434,
5.3462

 146.2167,
-63.1686, 17.0986

 12.7831, -20.3537,
4.2200

161.1364,

 6.1678, -10.7936,

-66.0856, 18.2315

4.3175

176.5317,
-68.9547, 19.3799

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6979, -44.1062,
10.5961

■ 67.6979, -44.1062,
10.5961

■ 67.6989, -44.1080,
10.5987

■ 67.9222, -42.9792,
9.1447

■ 68.2665, -41.3604,
7.7912

■ 68.7704, -39.1064,
6.5900

■ 69.4518, -36.1643,
5.5715

■ 70.3233, -32.5095,

4.7600

■ 71.3933, -28.1412,
4.1731

■ 72.6667, -23.0789,
3.8226

■ 74.1450, -17.3577,
3.7145

■ 75.8273, -11.0252,
3.8492

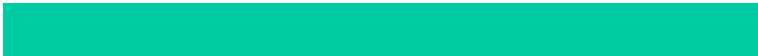
Harmonies

Analogous

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



67.6992, -36.3124, 26.4015



67.6979, -44.1062, 10.5961



67.6992, -42.3083, -14.0632

Triad

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



67.6992, -44.1066, 10.5968



67.6992, 13.7773, -53.1111



67.6992, 28.9486, 29.9758

Complementary

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



67.6979, -44.1062, 10.5961



36.0537, 62.1835, 19.8506

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.



67.6992, 46.3619, 17.6377



67.6979, -44.1062, 10.5961



67.6992, 36.7744, -31.3684

Square

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



67.6992, -44.1066, 10.5968



67.6992, -11.1322, -57.1135



67.6992, 49.4133, -4.0422



67.6992, 4.2433, 34.6649

Rectangle

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



67.6979, -44.1062, 10.5961



67.6992, -35.7960, -32.4550



67.6992, 49.4133, -4.0422



67.6992, 35.9882, 26.8462

Sweetspot

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



67.6992, -44.1066, 10.5968



93.4415, -29.9798, 4.9315



66.1269, -54.6032, 39.7905



42.8937, -15.1999, 2.3556

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.6992, -44.1066, 10.5968



87.1018, -56.8719, 13.9003



49.9825, -11.7194, -37.1731



35.6187, -4.9877, 1.8129



53.7210, -34.9160, 8.2270



12.2430, -7.6806, 1.2776

Inverse Universe

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



36.0537, 62.1835, 19.8506



46.3695, 79.9295, 25.9291



39.8069, 48.7501, 25.3811



33.5409, 1.4563, 2.0362



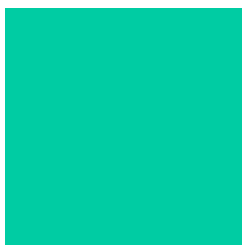
28.6210, 49.4042, 15.4718



6.5855, 11.5337, 2.2721

Previews

White Background



This preview shows how the HunterLab color 67.6979, -44.1062, 10.5961 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 67.6979, -44.1062, 10.5961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

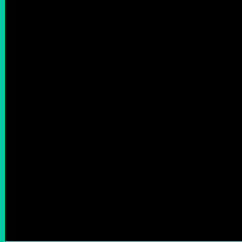
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

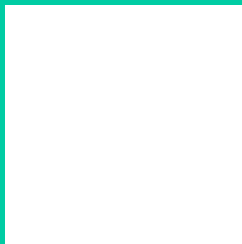
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.6979, -44.1062, 10.5961 Background



This preview shows how black text looks on a background with the HunterLab color 67.6979, -44.1062, 10.5961.



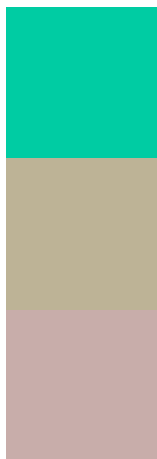
This preview shows how white text looks on a background with the HunterLab color 67.6979, -44.1062, 10.5961.

-44.1062, 10.5961.

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

67.6979, -44.1062, 10.5961

Protanopia

67.2763, -4.6754, 15.9446

Deuteranopia

67.1333, 4.8754, 7.8655



Tritanopia

67.6467, -28.7629, -13.9942

Trichromacy



Original Color

67.6979, -44.1062, 10.5961



Protanomaly

65.0585, -27.0275, 11.3548



Deuteranomaly

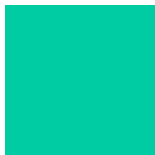
64.4849, -21.8672, 5.7385



Tritanomaly

67.5870, -35.5036, -4.2664

Monochromacy



Original Color

67.6979, -44.1062, 10.5961



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.7923, -23.5275, 3.4812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.6979, -44.1062, 10.5961 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 67.6979, -44.1062, 10.5961 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, 163) }
```


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

```
.border{ border-color:rgb(0, 204, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.6979, -44.1062, 10.5961 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, 163) }
```

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

```
.background{ background-color: rgb(0, 204,  
163) }
```

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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