

Converting Colors

HunterLab(68.6580, -46.5081,
-0.6350)

Have a look what the booklet for
HunterLab(68.6580, -46.5081,
-0.6350) contains.

HunterLab(69.8781, -40.9271, 1.0083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.8781,
-40.9271, 1.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	00D0BE
RGB	0, 208, 190
RGB Percent	0%, 82%, 75%
CMY	0.9998, 0.1843, 0.2549
CMYK	1.00, 0.00, 0.09, 0.18
HSL	175°, 100%, 41%
HSV	175°, 100%, 82%
XYZ	31.8502, 48.8295, 56.4616
YIQ	143.7560, -118.1900, -49.6940

Conversions

Conversions Part 2

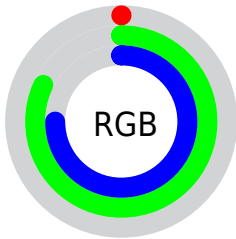
Format	Color
RYB	0, 109, 208
Decimal	53438
CIELab	75.35, -46.44, -3.19
CIELCh	75, 46.546, 183.926
Yxy	48.8313, 0.2322, 0.3561
Android (android.graphics.Color)	4278243518 (0xFF00D0BE)
YUV	143.7560, 22.7983, -126.0740
Hunter-Lab	69.8781, -40.9271, 1.0083

Details

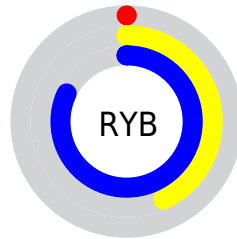
The HunterLab color **69.8781, -40.9271, 1.0083** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **36.6811, 62.9309, 22.7766**, and the grayscale version is **52.6636, -2.8100, 2.8613**.

A 20% lighter version of the original color is **90.1321, -42.1963, -2.5536**, and **49.5869, -29.5175, 1.7404** is the 20% darker color. If you saturate the color by 10%, you get **69.8791, -40.9287, 1.0104**, and if you desaturate by 10%, it is **70.0485, -40.1368, 0.3483**.

Distribution



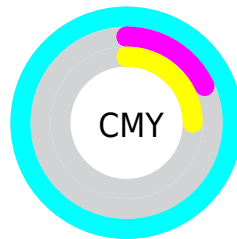
- Red (0%)
- Green (82%)
- Blue (75%)



- Red (0%)
- Yellow (43%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.8781, -40.9271, 1.0083 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 69.8781, -40.9271, 1.0083 by changing the saturation by 10% instead.


 69.8781, -40.9271,
1.0083


 69.8781, -40.9271,
1.0083


195.4681,
-66.1026, 6.7415

 58.7245, -37.7106,
0.5528


 94.0430, -46.9993,
2.0448

 48.2359, -34.3324,
0.1419


 106.9923,
-49.8970, 2.6189

 38.4588, -30.7467,
-0.2193


 120.4869,
-52.7229, 3.2278

 29.4494, -26.8855,
-0.5252

 134.5054,
-55.4882, 3.8699

 21.2798, -22.6433,
-0.7679

 149.0289,
-58.2020, 4.5435

 14.0473, -18.4684,
-0.9362

164.0406,

 7.6933, -13.4632,

-60.8717, 5.2474

-1.2985

179.5250,
-63.5036, 5.9804

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8781, -40.9271,
1.0083

■ 69.8781, -40.9271,
1.0083

■ 69.8791, -40.9287,
1.0104

■ 70.0485, -40.1368,
0.3483

■ 70.3386, -38.8659,
-0.1630

■ 70.7885, -36.9682,
-0.4713

■ 71.4170, -34.3848,
-0.5504

■ 72.2375, -31.0848,

-0.3821

■ 73.2592, -27.0611,
0.0442

■ 74.4879, -22.3270,
0.7322

■ 75.9258, -16.9125,
1.6797

■ 77.5725, -10.8610,
2.8789

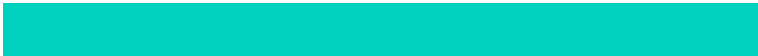
Harmonies

Analogous

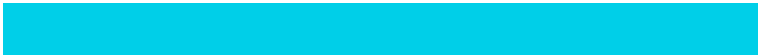
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8794, -37.6313, 19.1990



69.8781, -40.9271, 1.0083



69.8794, -35.3103, -22.4048

Triad

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



69.8794, -40.9273, 1.0091



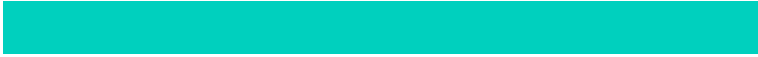
69.8794, 21.3174, -38.1886



69.8794, 15.7251, 31.0373

Complementary

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



69.8781, -40.9271, 1.0083



36.6811, 62.9309, 22.7766

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.



69.8794, 34.6902, 22.6476



69.8781, -40.9271, 1.0083



69.8794, 38.1874, -16.1588

Square

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



69.8794, -40.9273, 1.0091



69.8794, -0.8299, -49.0221



69.8794, 43.3573, 6.4875



69.8794, -6.5882, 33.0982

Rectangle

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



69.8781, -40.9271, 1.0083



69.8794, -26.8070, -36.8623



69.8794, 43.3573, 6.4875



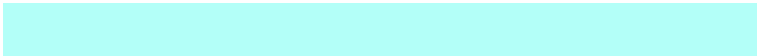
69.8794, 22.7891, 29.0246

Sweetspot

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



69.8794, -40.9273, 1.0091



93.7257, -28.3494, 0.8838



67.2838, -57.0932, 40.4594



43.0435, -14.3355, 0.2217

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.8794, -40.9273, 1.0091



87.9767, -51.5836, 1.3910



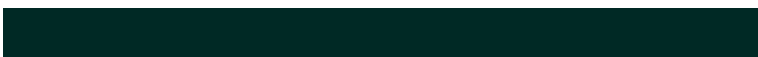
43.7899, -0.4197, -53.8242



36.5906, -4.9456, 1.3918



55.1728, -32.2719, 0.7047



13.0665, -7.5089, -0.1224

Inverse Universe

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



36.6811, 62.9309, 22.7766



46.1716, 79.1964, 28.8577



44.3073, 39.7935, 27.9971



34.3869, 1.3337, 2.5454



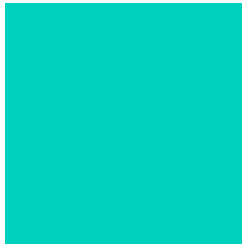
28.9673, 49.7223, 17.8277



6.8924, 11.9158, 3.5833

Previews

White Background



This preview shows how the HunterLab color 69.8781, -40.9271, 1.0083 looks on a white background.

Color Contrast Check

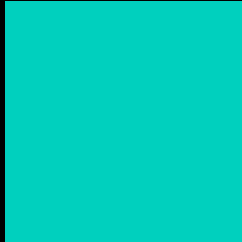
Large Text (above 18pt) WCAG AA × Fail

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 69.8781, -40.9271, 1.0083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

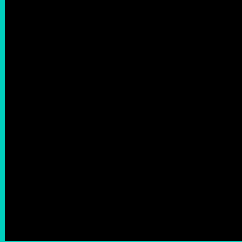
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

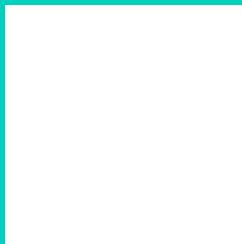
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.8781, -40.9271, 1.0083 Background



This preview shows how black text looks on a background with the HunterLab color 69.8781, -40.9271, 1.0083.



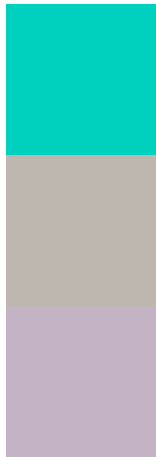
This preview shows how white text looks on a background with the HunterLab color 69.8781, -40.9271, 1.0083.

-40.9271, 1.0083.

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

69.8781, -40.9271, 1.0083

Protanopia

69.1523, -2.9078, 7.3440

Deuteranopia

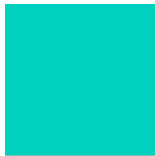
69.2542, 4.7111, -1.9539



Tritanopia

70.0406, -31.1393, -14.7037

Trichromacy



Original Color

69.8781, -40.9271, 1.0083



Protanomaly

67.1033, -24.4987, 2.2940



Deuteranomaly

67.1431, -20.1766, -4.0494



Tritanomaly

69.6945, -35.0501, -8.9846

Monochromacy



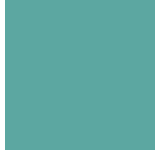
Original Color

69.8781, -40.9271, 1.0083



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

56.9965, -22.4974, -0.3480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.8781, -40.9271, 1.0083 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, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 190)  
}
```

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, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 69.8781, -40.9271, 1.0083 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, 208, 190) }
```


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

```
.border{ border-color:rgb(0, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.8781, -40.9271, 1.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 190) }
```

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

```
.background{ background-color: rgb(0, 208,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor