

Converting Colors

HunterLab(67.8979, -42.8927,
7.7266)

Have a look what the booklet for
HunterLab(67.8979, -42.8927,
7.7266) contains.

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Color

**HunterLab(67.8882,
-42.9520, 7.8668)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCAA
RGB	0, 204, 170
RGB Percent	0%, 80%, 67%
CMY	0.9999, 0.2000, 0.3333
CMYK	1.00, 0.00, 0.17, 0.20
HSL	170°, 100%, 40%
HSV	170°, 100%, 80%
XYZ	28.8486, 46.0881, 45.4057
YIQ	139.1280, -110.6700, -53.8220

Conversions

Conversions Part 2

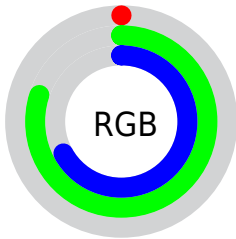
Format	Color
RYB	0, 111, 204
Decimal	52394
CIELab	73.60, -50.20, 5.07
CIELCh	74, 50.453, 174.237
Yxy	46.0899, 0.2397, 0.3830
Android (android.graphics.Color)	4278242474 (0xFF00CCAA)
YUV	139.1280, 15.2199, -122.0153
Hunter-Lab	67.8882, -42.9520, 7.8668

Details

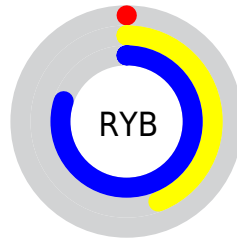
The HunterLab color **67.8882, -42.9520, 7.8668** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.9920, 61.9537, 20.7654**, and the grayscale version is **50.8404, -2.7127, 2.7623**.

A 20% lighter version of the original color is **89.3531, -46.6065, 6.9758**, and **47.7524, -31.1689, 7.5984** is the 20% darker color. If you saturate the color by 10%, you get **67.8892, -42.9539, 7.8695**, and if you desaturate by 10%, it is **68.0980, -41.9165, 6.6282**.

Distribution



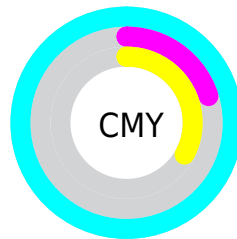
- Red (0%)
- Green (80%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.8882, -42.9520, 7.8668 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 67.8882, -42.9520, 7.8668 by changing the saturation by 10% instead.


 67.8882, -42.9520,
7.8668


 67.8882, -42.9520,
7.8668


192.6577,
-69.8395, 16.4923


 56.8478, -39.4757,
7.0104


 91.8441, -49.4851,
9.6416


 46.4796, -35.8114,
6.1722


 104.6961,
-52.5905, 10.5593


 36.8319, -31.9052,
5.3511


 118.0972,
-55.6120, 11.4975

 27.9631, -27.6774,
4.5441

 132.0258,
-58.5627, 12.4563

 19.9489, -23.0037,
3.7451

 146.4627,
-61.4530, 13.4353

 12.8924, -19.7094,
2.9424

161.3905,

 6.3163, -11.0536,

-64.2914, 14.4345

3.6688

176.7935,
-67.0849, 15.4536

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8882, -42.9520,
7.8668

■ 67.8882, -42.9520,
7.8668

■ 67.8892, -42.9539,
7.8695

■ 68.0980, -41.9165,
6.6282

■ 68.4264, -40.3975,
5.5048

■ 68.9133, -38.2515,
4.5504

■ 69.5765, -35.4242,
3.7945

■ 70.4288, -31.8896,

3.2590

■ 71.4788, -27.6452,
2.9595

■ 72.7314, -22.7082,
2.9055

■ 74.1886, -17.1123,
3.1001

■ 75.8494, -10.9032,
3.5415

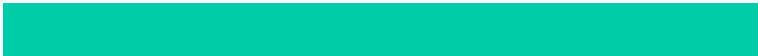
Harmonies

Analogous

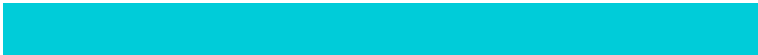
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8895, -36.5080, 24.3056



67.8882, -42.9520, 7.8668



67.8895, -40.0779, -16.4000

Triad

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



67.8895, -42.9523, 7.8675



67.8895, 15.9150, -48.2763



67.8895, 24.8201, 30.1202

Complementary

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



67.8882, -42.9520, 7.8668



35.9920, 61.9537, 20.7654

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.



67.8895, 42.6315, 19.0647



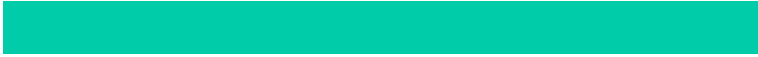
67.8882, -42.9520, 7.8668



67.8895, 37.0208, -26.4945

Square

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



67.8895, -42.9523, 7.8675



67.8895, -8.0997, -54.4118



67.8895, 47.3744, -0.7595



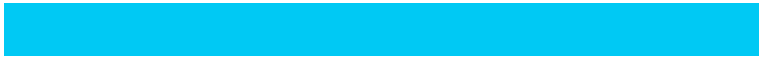
67.8895, 0.9665, 34.0394

Rectangle

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



67.8882, -42.9520, 7.8668



67.8895, -33.0339, -33.6029



67.8895, 47.3744, -0.7595



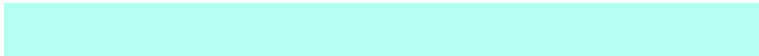
67.8895, 31.8355, 27.3443

Sweetspot

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



67.8895, -42.9523, 7.8675



93.5254, -29.4981, 3.7356



66.0217, -55.0512, 39.7176



42.9378, -14.9450, 1.7265

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8895, -42.9523, 7.8675



87.3489, -55.3724, 10.3545



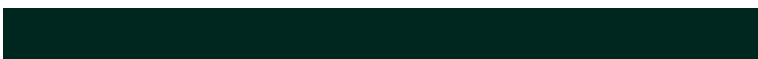
47.9009, -8.5808, -41.3459



35.6282, -4.9347, 1.6770



53.8703, -34.0103, 6.0853



12.2714, -7.5088, 0.8711

Inverse Universe

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



35.9920, 61.9537, 20.7654



46.2934, 79.6479, 27.0533



40.7129, 46.1291, 25.8933



33.5316, 1.4061, 2.1693



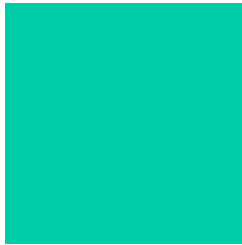
28.5694, 49.2132, 16.2338



6.5636, 11.4533, 2.5910

Previews

White Background



This preview shows how the HunterLab color 67.8882, -42.9520, 7.8668 looks on a white background.

Color Contrast Check

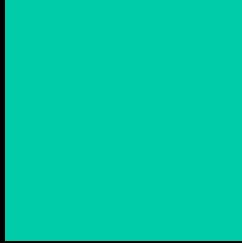
Large Text (above 18pt) WCAG AA × Fail

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 67.8882, -42.9520, 7.8668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

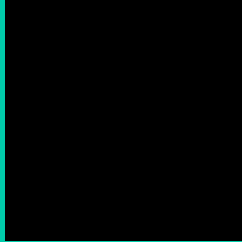
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

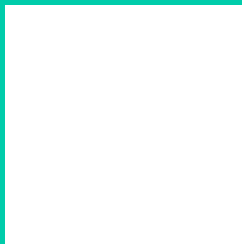
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.8882, -42.9520, 7.8668 Background



This preview shows how black text looks on a background with the HunterLab color 67.8882, -42.9520, 7.8668.



This preview shows how white text looks on a background with the HunterLab color 67.8882, -42.9520, 7.8668.

-42.9520, 7.8668.

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

67.8882, -42.9520, 7.8668

Protanopia

67.3542, -4.0585, 13.3531

Deuteranopia

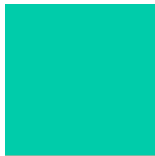
67.4182, 4.7647, 5.0461



Tritanopia

67.9507, -29.2436, -14.1508

Trichromacy



Original Color

67.8882, -42.9520, 7.8668



Protanomaly

65.2443, -25.9441, 8.6861



Deuteranomaly

64.9535, -21.3506, 3.0974



Tritanomaly

67.6741, -34.9572, -5.7187

Monochromacy



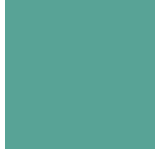
Original Color

67.8882, -42.9520, 7.8668



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

55.2006, -23.4340, 2.6124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8882, -42.9520, 7.8668 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8882, -42.9520, 7.8668 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, 170) }
```


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

```
.border{ border-color:rgb(0, 204, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8882, -42.9520, 7.8668 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, 170) }
```

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

```
.background{ background-color: rgb(0, 204,  
170) }
```

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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