

Converting Colors

HunterLab(65.3734, -51.9576,
5.6144)

Have a look what the booklet for
HunterLab(65.3734, -51.9576,
5.6144) contains.

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Color

**HunterLab(67.4826,
-42.9100, 8.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	00CBA8
RGB	0, 203, 168
RGB Percent	0%, 80%, 66%
CMY	0.9999, 0.2039, 0.3412
CMYK	1.00, 0.00, 0.17, 0.20
HSL	170°, 100%, 40%
HSV	170°, 100%, 80%
XYZ	28.4238, 45.5390, 44.3377
YIQ	138.3130, -109.7530, -53.9210

Conversions

Conversions Part 2

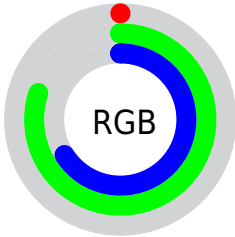
Format	Color
RYB	0, 111, 203
Decimal	52136
CIELab	73.25, -50.32, 5.63
CIELCh	73, 50.630, 173.614
Yxy	45.5408, 0.2403, 0.3849
Android (android.graphics.Color)	4278242216 (0xFF00CBA8)
YUV	138.3130, 14.6357, -121.3005
Hunter-Lab	67.4826, -42.9100, 8.2829

Details

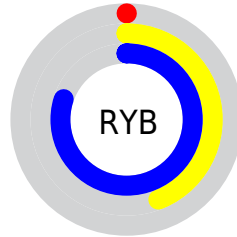
The HunterLab color **67.4826, -42.9100, 8.2829** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.8038, 61.6501, 20.5044**, and the grayscale version is **50.5172, -2.6955, 2.7447**.

A 20% lighter version of the original color is **89.2924, -46.9679, 7.8442**, and **47.3717, -31.1185, 7.9654** is the 20% darker color. If you saturate the color by 10%, you get **67.4836, -42.9117, 8.2854**, and if you desaturate by 10%, it is **67.6942, -41.8626, 7.0148**.

Distribution



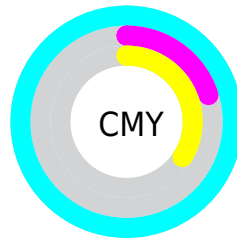
- Red (0%)
- Green (80%)
- Blue (66%)



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



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





- Cyan (100%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.4826, -42.9100, 8.2829 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 67.4826, -42.9100, 8.2829 by changing the saturation by 10% instead.


 67.4826, -42.9100,
8.2829


 67.4826, -42.9100,
8.2829


192.0831,
-69.8719, 17.1116


 56.4655, -39.4204,
7.3976


 91.3955, -49.4652,
10.1103


 46.1222, -35.7404,
6.5282


 104.2274,
-52.5799, 11.0523


 36.5012, -31.8155,
5.6732


 117.6092,
-55.6101, 12.0137

 27.6616, -27.5645,
4.8284

 131.5194,
-58.5686, 12.9946

 19.6796, -22.8606,
3.9865

 145.9384,
-61.4662, 13.9949

 12.6597, -19.8203,
3.1329

160.8489,

 5.9951, -10.4914,

-64.3114, 15.0147

4.1966

176.2352,
-67.1113, 16.0536

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4826, -42.9100,
8.2829

■ 67.4826, -42.9100,
8.2829

■ 67.4836, -42.9117,
8.2854

■ 67.6942, -41.8626,
7.0148

■ 68.0239, -40.3337,
5.8584

■ 68.5112, -38.1801,
4.8676

■ 69.1740, -35.3484,
4.0715

■ 70.0249, -31.8128,

3.4925

■ 71.0724, -27.5712,
3.1465

■ 72.3215, -22.6412,
3.0430

■ 73.7738, -17.0564,
3.1858

■ 75.4287, -10.8626,
3.5734

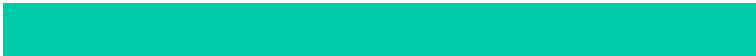
Harmonies

Analogous

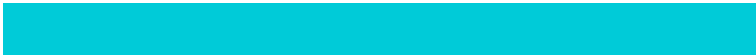
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.4839, -36.2775, 24.5286



67.4826, -42.9100, 8.2829



67.4839, -40.2312, -15.9229

Triad

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



67.4839, -42.9103, 8.2836



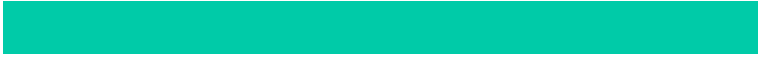
67.4839, 15.4755, -48.8026



67.4839, 25.3615, 29.9324

Complementary

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



67.4826, -42.9100, 8.2829



35.8038, 61.6501, 20.5044

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.



67.4839, 43.0127, 18.7287



67.4826, -42.9100, 8.2829



67.4839, 36.7807, -27.1409

Square

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



67.4839, -42.9103, 8.2836



67.4839, -8.5594, -54.5614



67.4839, 47.4540, -1.2871



67.4839, 1.4978, 33.9587

Rectangle

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



67.4826, -42.9100, 8.2829



67.4839, -33.3144, -33.2324



67.4839, 47.4540, -1.2871



67.4839, 32.3432, 27.1137

Sweetspot

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



67.4839, -42.9103, 8.2836



93.5112, -29.5791, 3.9368



65.6591, -54.7454, 39.4997



42.9304, -14.9879, 1.8324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4839, -42.9103, 8.2836



87.3067, -55.6285, 10.9603



47.6431, -8.5426, -41.1066



35.6266, -4.9436, 1.6998



53.8448, -34.1649, 6.4510



12.2665, -7.5380, 0.9402

Inverse Universe

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



35.8038, 61.6501, 20.5044



46.3051, 79.6912, 26.8805



40.4946, 45.8589, 25.7542



33.5331, 1.4145, 2.1471



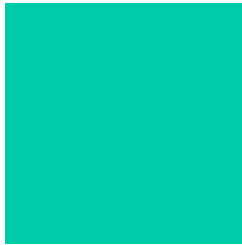
28.5774, 49.2428, 16.1155



6.5673, 11.4668, 2.5375

Previews

White Background



This preview shows how the HunterLab color 67.4826, -42.9100, 8.2829 looks on a white background.

Color Contrast Check

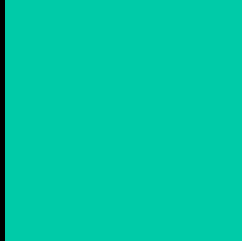
Large Text (above 18pt) WCAG AA × Fail

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 67.4826, -42.9100, 8.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

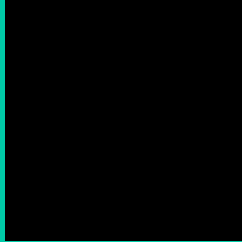
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

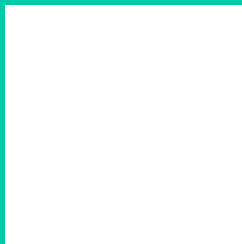
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.4826, -42.9100, 8.2829 Background



This preview shows how black text looks on a background with the HunterLab color 67.4826, -42.9100, 8.2829.



This preview shows how white text looks on a background with the HunterLab color 67.4826, -42.9100, 8.2829.

-42.9100, 8.2829.

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

67.4826, -42.9100, 8.2829

Protanopia

66.9120, -4.1721, 13.6799

Deuteranopia

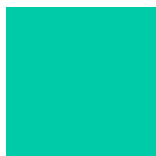
66.9721, 4.6223, 5.4435



Tritanopia

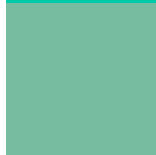
67.5769, -29.0316, -14.0988

Trichromacy



Original Color

67.4826, -42.9100, 8.2829



Protanomaly

64.8079, -26.0387, 9.0524



Deuteranomaly

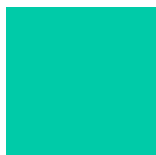
64.5132, -21.4685, 3.5071



Tritanomaly

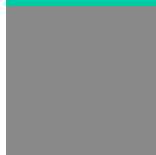
67.2979, -34.7497, -5.6774

Monochromacy



Original Color

67.4826, -42.9100, 8.2829



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.8501, -23.1895, 2.6570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4826, -42.9100, 8.2829 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, 203, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 168)  
}
```

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, 203, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4826, -42.9100, 8.2829 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, 203, 168) }
```


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

```
.border{ border-color:rgb(0, 203, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4826, -42.9100, 8.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 168) }
```

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

```
.background{ background-color: rgb(0, 203,  
168) }
```

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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