

Converting Colors

HunterLab(64.9865, -43.0915,
11.7947)

Have a look what the booklet for
HunterLab(64.9865, -43.0915,
11.7947) contains.

HunterLab(64.9865, -43.0915, 11.7947)	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(64.9865,
-43.0915, 11.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	00C599
RGB	0, 197, 153
RGB Percent	0%, 77%, 60%
CMY	0.9999, 0.2274, 0.4000
CMYK	1.00, 0.00, 0.22, 0.23
HSL	167°, 100%, 39%
HSV	167°, 100%, 77%
XYZ	25.7160, 42.2325, 36.9333
YIQ	133.0810, -103.2880, -55.4480

Conversions

Conversions Part 2

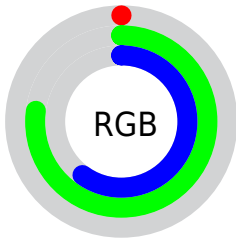
Format	Color
RYB	0, 111, 197
Decimal	50585
CIELab	71.03, -51.74, 10.57
CIELCh	71, 52.813, 168.452
Yxy	42.2341, 0.2452, 0.4027
Android (android.graphics.Color)	4278240665 (0xFF00C599)
YUV	133.0810, 9.8201, -116.7120
Hunter-Lab	64.9865, -43.0915, 11.7947

Details

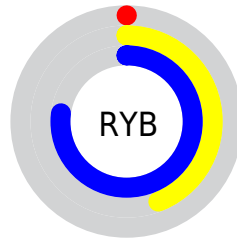
The HunterLab color **64.9865, -43.0915, 11.7947** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.7179, 59.9759, 18.3693**, and the grayscale version is **48.4578, -2.5856, 2.6328**.

A 20% lighter version of the original color is **88.7324, -50.1157, 14.3549**, and **45.0614, -31.0400, 10.6836** is the 20% darker color. If you saturate the color by 10%, you get **64.9875, -43.0932, 11.7972**, and if you desaturate by 10%, it is **65.2134, -41.9441, 10.2849**.

Distribution



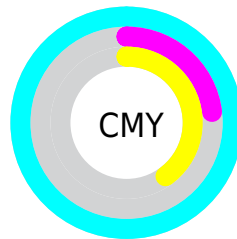
- Red (0%)
- Green (77%)
- Blue (60%)



- Red (0%)
- Yellow (44%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9865, -43.0915, 11.7947 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 64.9865, -43.0915, 11.7947 by changing the saturation by 10% instead.

■ 64.9865, -43.0915,
11.7947

■ 64.9865, -43.0915,
11.7947

188.5345,
-70.8279, 22.4772

■ 54.1153, -39.4722,
10.6421

■ 88.6306, -49.8673,
14.1060

■ 43.9275, -35.6441,
9.4835

■ 101.3375,
-53.0781, 15.2701

■ 34.4740, -31.5461,
8.3110

■ 114.5995,
-56.1969, 16.4429

■ 25.8169, -27.0860,
7.1113

■ 128.3944,
-59.2383, 17.6259

■ 18.0376, -22.1194,
5.8615

■ 142.7023,
-62.2134, 18.8200

■ 11.2494, -19.6865,
4.7617

157.5054,

■ 3.3801, -5.9152,

-65.1319, 20.0262

2.3661

172.7876,
-68.0012, 21.2451

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9865, -43.0915,
11.7947

■ 64.9865, -43.0915,
11.7947

■ 64.9875, -43.0932,
11.7972

■ 65.2134, -41.9441,
10.2849

■ 65.5555, -40.3223,
8.8566

■ 66.0517, -38.0856,
7.5627

■ 66.7188, -35.1848,
6.4331

■ 67.5687, -31.5976,

5.4918

■ 68.6094, -27.3249,
4.7573

■ 69.8452, -22.3862,
4.2422

■ 71.2777, -16.8168,
3.9537

■ 72.9056, -10.6630,
3.8939

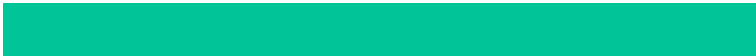
Harmonies

Analogous

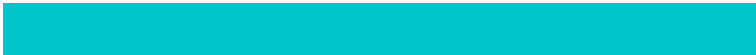
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9878, -34.7790, 26.5933



64.9865, -43.0915, 11.7947



64.9878, -42.0078, -12.1032

Triad

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



64.9878, -43.0919, 11.7953



64.9878, 11.9345, -54.0739



64.9878, 30.3883, 28.7243

Complementary

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



64.9865, -43.0915, 11.7947



34.7179, 59.9759, 18.3693

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.



64.9878, 46.8639, 16.0544



64.9865, -43.0915, 11.7947



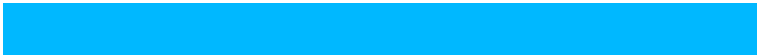
64.9878, 35.1809, -33.2354

Square

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



64.9878, -43.0919, 11.7953



64.9878, -12.5331, -56.5506



64.9878, 48.7361, -5.9701



64.9878, 6.1164, 33.6929

Rectangle

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



64.9865, -43.0915, 11.7947



64.9878, -36.0664, -30.4788



64.9878, 48.7361, -5.9701



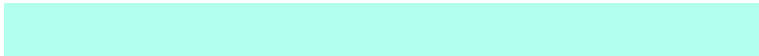
64.9878, 37.1656, 25.4953

Sweetspot

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



64.9878, -43.0919, 11.7953



93.3874, -30.2906, 5.7030



63.6510, -52.2365, 38.3063



42.8653, -15.3640, 2.7608

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9878, -43.0919, 11.7953



86.9477, -57.8098, 16.1177



49.1145, -12.8120, -33.7296



34.6777, -4.8811, 1.8512



52.7173, -34.8735, 9.3898



11.5161, -7.3166, 1.4003

Inverse Universe

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



34.7179, 59.9759, 18.3693



46.4274, 80.1438, 25.0744



37.9162, 47.9497, 24.2021



32.6728, 1.4395, 1.8977



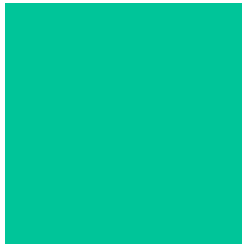
28.1742, 48.7112, 14.6239



6.2223, 10.9367, 1.8435

Previews

White Background



This preview shows how the HunterLab color 64.9865, -43.0915, 11.7947 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 64.9865, -43.0915, 11.7947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

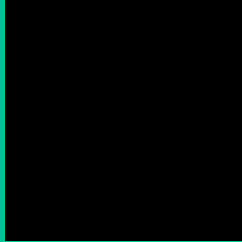
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

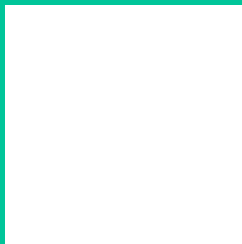
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9865, -43.0915, 11.7947 Background



This preview shows how black text looks on a background with the HunterLab color 64.9865, -43.0915, 11.7947.



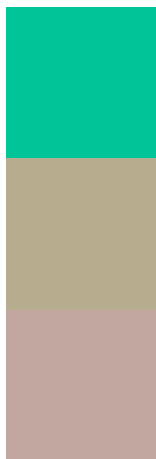
This preview shows how white text looks on a background with the HunterLab color 64.9865, -43.0915, 11.7947.

-43.0915, 11.7947.

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

64.9865, -43.0915, 11.7947

Protanopia

64.4169, -4.4145, 16.4224

Deuteranopia

64.5328, 4.3807, 9.2857



Tritanopia

64.9821, -27.5829, -13.1395

Trichromacy



Original Color

64.9865, -43.0915, 11.7947



Protanomaly

62.2937, -26.3824, 12.4269



Deuteranomaly

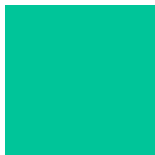
62.0371, -21.7434, 7.3606



Tritanomaly

64.8972, -34.4392, -3.0543

Monochromacy



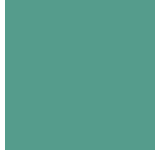
Original Color

64.9865, -43.0915, 11.7947



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.5373, -22.7369, 3.9753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9865, -43.0915, 11.7947 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, 197, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 153)  
}
```

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, 197, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9865, -43.0915, 11.7947 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, 197, 153) }
```


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

```
.border{ border-color:rgb(0, 197, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9865, -43.0915, 11.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 153) }
```

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

```
.background{ background-color: rgb(0, 197,  
153) }
```

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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