

Converting Colors

HunterLab(63.6013, -43.5555,
14.5278)

Have a look what the booklet for
HunterLab(63.6013, -43.5555,
14.5278) contains.

HunterLab(63.6683, -43.6448, 14.6367)	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(63.6683,
-43.6448, 14.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	00C28E
RGB	0, 194, 142
RGB Percent	0%, 76%, 56%
CMY	0.9999, 0.2392, 0.4431
CMYK	1.00, 0.00, 0.27, 0.24
HSL	164°, 100%, 38%
HSV	164°, 100%, 76%
XYZ	24.1742, 40.5365, 32.1414
YIQ	130.0660, -98.9320, -57.3000

Conversions

Conversions Part 2

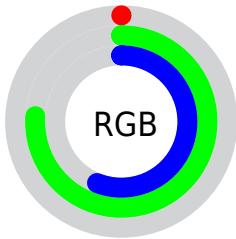
Format	Color
RYB	0, 112, 194
Decimal	49806
CIELab	69.85, -53.25, 14.85
CIELCh	70, 55.283, 164.417
Yxy	40.5381, 0.2496, 0.4185
Android (android.graphics.Color)	4278239886 (0xFF00C28E)
YUV	130.0660, 5.8835, -114.0679
Hunter-Lab	63.6683, -43.6448, 14.6367

Details

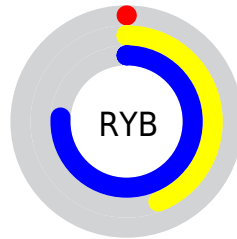
The HunterLab color **63.6683, -43.6448, 14.6367** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.2320, 59.3449, 16.5013**, and the grayscale version is **47.2816, -2.5228, 2.5689**.

A 20% lighter version of the original color is **87.3264, -50.7823, 17.4634**, and **43.8611, -31.3216, 12.7917** is the 20% darker color. If you saturate the color by 10%, you get **63.6693, -43.6464, 14.6390**, and if you desaturate by 10%, it is **63.9066, -42.4226, 12.9493**.

Distribution



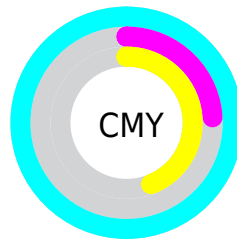
- Red (0%)
- Green (76%)
- Blue (56%)



- Red (0%)
- Yellow (44%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.6683, -43.6448, 14.6367 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 63.6683, -43.6448, 14.6367 by changing the saturation by 10% instead.


 63.6683, -43.6448,
14.6367


 63.6683, -43.6448,
14.6367


186.6511,
-72.1317, 27.0125


 52.8757, -39.9058,
13.2361


 87.1678, -50.6284,
17.3942


 42.7718, -35.9432,
11.8076


 99.8075, -53.9312,
18.7619

 33.4088, -31.6910,
10.3371


 113.0052,
-57.1360, 20.1280

 24.8506, -27.0494,
8.8016

 126.7383,
-60.2581, 21.4951

 17.1817, -21.8727,
7.1629

 140.9865,
-63.3096, 22.8656

 10.5204, -18.4107,
6.5233

155.7320,

0.0000, NaN, NaN

-66.3005, 24.2411

0.0000, NaN, NaN

170.9584,
-69.2389, 25.6231

0.0000, NaN, NaN

■ 63.6683, -43.6448,
14.6367

■ 63.6683, -43.6448,
14.6367

■ 63.6693, -43.6464,
14.6390

■ 63.9066, -42.4226,
12.9493

■ 64.2596, -40.7235,
11.3152

■ 64.7658, -38.4085,
9.7866

■ 65.4416, -35.4306,
8.3946

■ 66.2984, -31.7703,
7.1647

■ 67.3439, -27.4305,
6.1178

■ 68.5820, -22.4331,
5.2692

■ 70.0141, -16.8146,
4.6291

■ 71.6387, -10.6227,
4.2027

Harmonies

Analogous

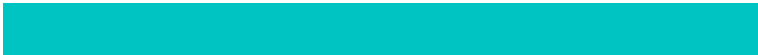
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.6695, -33.8646, 28.3653



63.6683, -43.6448, 14.6367



63.6695, -43.8318, -9.1003

Triad

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



63.6695, -43.6452, 14.6373



63.6695, 9.1073, -59.2169



63.6695, 34.9996, 28.0067

Complementary

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



63.6683, -43.6448, 14.6367



34.2320, 59.3449, 16.5013

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.



63.6695, 50.5988, 13.8991



63.6683, -43.6448, 14.6367



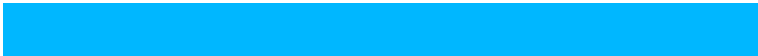
63.6695, 34.1487, -38.9839

Square

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



63.6695, -43.6452, 14.6373



63.6695, -15.8907, -58.7682



63.6695, 50.2652, -10.1882



63.6695, 10.1332, 33.7814

Rectangle

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



63.6683, -43.6448, 14.6367



63.6695, -38.6186, -28.4464



63.6695, 50.2652, -10.1882



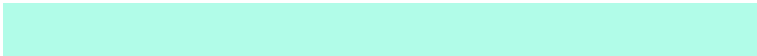
63.6695, 41.6612, 24.3878

Sweetspot

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



63.6695, -43.6452, 14.6373



92.2237, -30.5412, 7.1414



62.7668, -50.4987, 37.7920



42.8095, -15.6873, 3.5587

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6695, -43.6452, 14.6373



85.6721, -58.9070, 20.0807



51.3255, -16.9177, -27.6306



33.7355, -4.8052, 1.9670



51.6389, -35.3057, 11.6708



10.7848, -7.0284, 1.6923

Inverse Universe

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



34.2320, 59.3449, 16.5013



46.0358, 79.7357, 22.7865



36.2343, 50.2823, 23.2067



31.8139, 1.4522, 1.6821



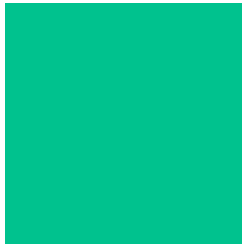
27.7771, 48.1987, 13.0680



5.8761, 10.3945, 1.2280

Previews

White Background



This preview shows how the HunterLab color 63.6683, -43.6448, 14.6367 looks on a white background.

Color Contrast Check

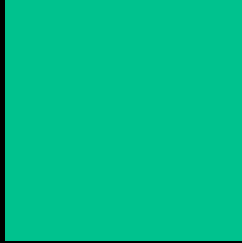
Large Text (above 18pt) WCAG AA × Fail

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 63.6683, -43.6448, 14.6367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

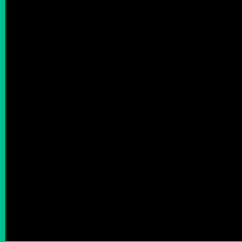
Any Text WCAG AA ✓ Pass

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 63.6683, -43.6448, 14.6367 Background



This preview shows how black text looks on a background with the HunterLab color 63.6683, -43.6448, 14.6367.



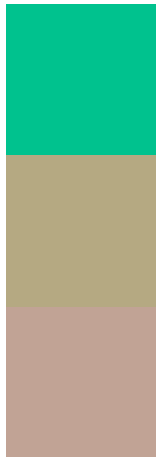
This preview shows how white text looks on a background with the HunterLab color 63.6683, -43.6448, 14.6367.

-43.6448, 14.6367.

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

63.6683, -43.6448, 14.6367

Protanopia

63.0963, -4.9720, 18.9475

Deuteranopia

63.0093, 4.5072, 12.1496



Tritanopia

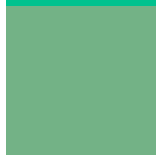
63.5544, -26.5364, -12.8532

Trichromacy



Original Color

63.6683, -43.6448, 14.6367



Protanomaly

60.9974, -26.8745, 15.1929



Deuteranomaly

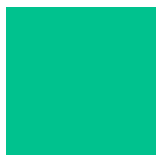
60.4635, -21.6951, 10.2112



Tritanomaly

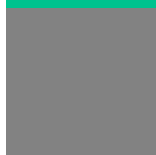
63.3574, -33.9311, -1.9615

Monochromacy



Original Color

63.6683, -43.6448, 14.6367



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

51.3251, -22.8305, 5.1723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6683, -43.6448, 14.6367 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, 194, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 142)  
}
```

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, 194, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6683, -43.6448, 14.6367 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, 194, 142) }
```


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

```
.border{ border-color:rgb(0, 194, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6683, -43.6448, 14.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 142) }
```

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

```
.background{ background-color: rgb(0, 194,  
142) }
```

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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