

Converting Colors

HunterLab(64.0236, -52.8511,
13.5839)

Have a look what the booklet for
HunterLab(64.0236, -52.8511,
13.5839) contains.

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Color

**HunterLab(65.8429,
-45.3759, 15.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	00C891
RGB	0, 200, 145
RGB Percent	0%, 78%, 57%
CMY	0.9999, 0.2157, 0.4314
CMYK	1.00, 0.00, 0.28, 0.22
HSL	163°, 100%, 39%
HSV	163°, 100%, 78%
XYZ	25.7651, 43.3529, 33.7980
YIQ	133.9300, -101.5450, -59.5050

Conversions

Conversions Part 2

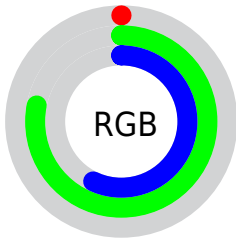
Format	Color
RYB	0, 116, 200
Decimal	51345
CIELab	71.79, -54.83, 15.95
CIELCh	72, 57.101, 163.777
Yxy	43.3546, 0.2504, 0.4212
Android (android.graphics.Color)	4278241425 (0xFF00C891)
YUV	133.9300, 5.4575, -117.4566
Hunter-Lab	65.8429, -45.3759, 15.6557

Details

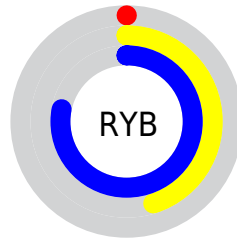
The HunterLab color **65.8429, -45.3759, 15.6557** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.4350, 61.4589, 16.8581**, and the grayscale version is **48.8097, -2.6044, 2.6519**.

A 20% lighter version of the original color is **88.5495, -51.2767, 17.4874**, and **45.8900, -33.0637, 14.0165** is the 20% darker color. If you saturate the color by 10%, you get **65.8439, -45.3777, 15.6583**, and if you desaturate by 10%, it is **66.0888, -44.1093, 13.8748**.

Distribution



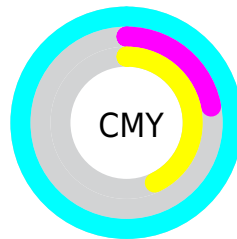
- Red (0%)
- Green (78%)
- Blue (57%)



- Red (0%)
- Yellow (45%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.8429, -45.3759, 15.6557 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 65.8429, -45.3759, 15.6557 by changing the saturation by 10% instead.


 65.8429, -45.3759,
15.6557


 65.8429, -45.3759,
15.6557


189.7546,
-74.4058, 28.4751


 54.9212, -41.5733,
14.1949


 89.5799, -52.4871,
18.5254


 44.6796, -37.5488,
12.7029


 102.3300,
-55.8526, 19.9458


 35.1680, -33.2390,
11.1655


 115.6335,
-59.1191, 21.3623

 26.4476, -28.5491,
9.5595

 129.4682,
-62.3018, 22.7782

 18.5979, -23.3320,
7.8473

 143.8144,
-65.4126, 24.1957

 11.7290, -20.5258,
6.6610

158.6546,

 4.4577, -7.8010,

-68.4617, 25.6167

3.1204

173.9728,
-71.4571, 27.0428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8429, -45.3759,
15.6557

■ 65.8429, -45.3759,
15.6557

■ 65.8439, -45.3777,
15.6583

■ 66.0888, -44.1093,
13.8748

■ 66.4545, -42.3431,
12.1448

■ 66.9794, -39.9358,
10.5193

■ 67.6807, -36.8384,
9.0307

■ 68.5702, -33.0304,

7.7064

■ 69.6559, -28.5151,
6.5682

■ 70.9420, -23.3154,
5.6327

■ 72.4297, -17.4696,
4.9112

■ 74.1177, -11.0277,
4.4096

Harmonies

Analogous

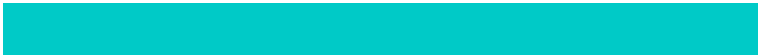
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.8442, -34.9775, 29.7154



65.8429, -45.3759, 15.6557



65.8442, -45.7839, -8.9319

Triad

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



65.8442, -45.3764, 15.6563



65.8442, 8.9640, -62.3429



65.8442, 37.1171, 28.9349

Complementary

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



65.8429, -45.3759, 15.6557



35.4350, 61.4589, 16.8581

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.



65.8442, 53.1452, 14.0418



65.8429, -45.3759, 15.6557



65.8442, 35.2485, -41.4674

Square

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



65.8442, -45.3764, 15.6563



65.8442, -17.0567, -61.3541



65.8442, 52.4121, -11.3206



65.8442, 11.2141, 35.0628

Rectangle

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



65.8429, -45.3759, 15.6557



65.8442, -40.4977, -29.1612



65.8442, 52.4121, -11.3206



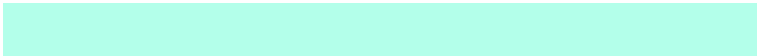
65.8442, 44.0075, 25.1115

Sweetspot

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



65.8442, -45.3764, 15.6563



93.2644, -30.9984, 7.4600



64.9390, -52.2790, 39.0993



42.8009, -15.7371, 3.6817

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.8442, -45.3764, 15.6563



86.6124, -59.8556, 20.9531



53.0794, -17.4665, -28.6379



34.6639, -4.9580, 2.0483



52.5176, -36.0914, 12.2687



11.4792, -7.5404, 1.9296

Inverse Universe

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



35.4350, 61.4589, 16.8581



46.5874, 80.7352, 22.7179



37.4610, 52.1237, 23.9948



32.6865, 1.5135, 1.7016



28.2776, 49.0932, 13.1029



6.2547, 11.0553, 1.3749

Previews

White Background



This preview shows how the HunterLab color 65.8429, -45.3759, 15.6557 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 65.8429, -45.3759, 15.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

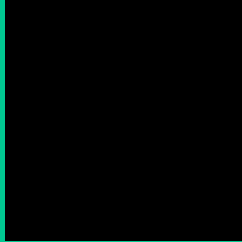
Any Text WCAG AA ✓ Pass

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 65.8429, -45.3759, 15.6557 Background



This preview shows how black text looks on a background with the HunterLab color 65.8429, -45.3759, 15.6557.



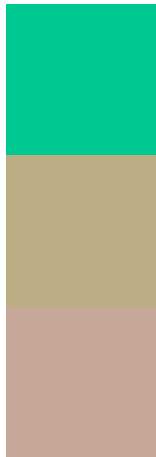
This preview shows how white text looks on a background with the HunterLab color 65.8429, -45.3759, 15.6557.

-45.3759, 15.6557.

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

65.8429, -45.3759, 15.6557

Protanopia

65.2153, -5.0177, 19.9234

Deuteranopia

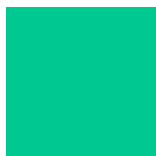
65.1263, 4.4966, 13.1656



Tritanopia

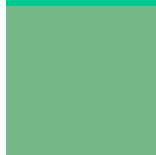
65.8502, -27.5227, -13.0558

Trichromacy



Original Color

65.8429, -45.3759, 15.6557



Protanomaly

62.9246, -27.6924, 15.9892



Deuteranomaly

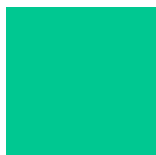
62.7092, -22.9281, 11.3563



Tritanomaly

65.5615, -35.4450, -1.2313

Monochromacy



Original Color

65.8429, -45.3759, 15.6557



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

53.1225, -23.8774, 5.4795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.8429, -45.3759, 15.6557 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, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 145)  
}
```

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, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 65.8429, -45.3759, 15.6557 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, 200, 145) }
```


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

```
.border{ border-color:rgb(0, 200, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.8429, -45.3759, 15.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 145) }
```

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

```
.background{ background-color: rgb(0, 200,  
145) }
```

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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