

Converting Colors

HunterLab(61.1181, -53.8532,
14.8892)

Have a look what the booklet for
HunterLab(61.1181, -53.8532,
14.8892) contains.

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Color

**HunterLab(63.4861,
-44.7603, 17.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	00C286
RGB	0, 194, 134
RGB Percent	0%, 76%, 53%
CMY	0.9999, 0.2392, 0.4745
CMYK	1.00, 0.00, 0.31, 0.24
HSL	161°, 100%, 38%
HSV	161°, 100%, 76%
XYZ	23.5949, 40.3048, 29.0903
YIQ	129.1540, -96.3640, -59.7880

Conversions

Conversions Part 2

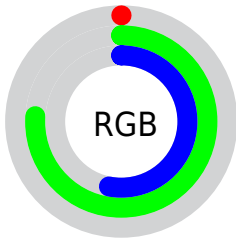
Format	Color
RYB	0, 115, 194
Decimal	49798
CIELab	69.69, -55.10, 18.92
CIELCh	70, 58.254, 161.045
Yxy	40.3064, 0.2537, 0.4334
Android (android.graphics.Color)	4278239878 (0xFF00C286)
YUV	129.1540, 2.3891, -113.2681
Hunter-Lab	63.4861, -44.7603, 17.2727

Details

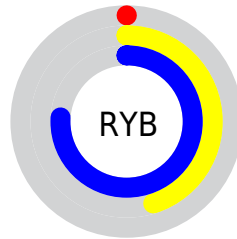
The HunterLab color **63.4861, -44.7603, 17.2727** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.3463, 59.7662, 14.8254**, and the grayscale version is **46.9356, -2.5044, 2.5501**.

A 20% lighter version of the original color is **87.0984, -52.1537, 20.7532**, and **43.7096, -32.2530, 14.9918** is the 20% darker color. If you saturate the color by 10%, you get **63.4871, -44.7621, 17.2752**, and if you desaturate by 10%, it is **63.7348, -43.4708, 15.4305**.

Distribution



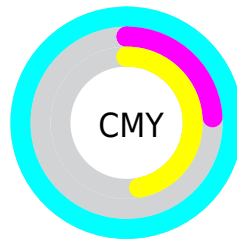
- Red (0%)
- Green (76%)
- Blue (53%)



- Red (0%)
- Yellow (45%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4861, -44.7603, 17.2727 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 63.4861, -44.7603, 17.2727 by changing the saturation by 10% instead.


 63.4861, -44.7603,
17.2727


 63.4861, -44.7603,
17.2727


186.3903,
-74.0770, 31.3165


 52.7044, -40.8978,
15.6273


 86.9655, -51.9650,
20.4704


 42.6123, -36.8003,
13.9326


 99.5958, -55.3680,
22.0390

 33.2619, -32.3986,
12.1685


 112.7846,
-58.6676, 23.5954

 24.7175, -27.5887,
10.3037

 126.5090,
-61.8797, 25.1440

 17.0641, -22.2617,
8.2870

 140.7490,
-65.0172, 26.6880

 10.4205, -18.2359,
7.2944

155.4864,

0.0000, NaN, NaN

-68.0904, 28.2301

0.0000, NaN, NaN

170.7051,
-71.1080, 29.7724

0.0000, NaN, NaN

■ 63.4861, -44.7603,
17.2727

■ 63.4861, -44.7603,
17.2727

■ 63.4871, -44.7621,
17.2752

■ 63.7348, -43.4708,
15.4305

■ 64.1002, -41.6915,
13.6136

■ 64.6207, -39.2833,
11.8743

■ 65.3128, -36.2004,
10.2448

■ 66.1878, -32.4249,
8.7527

■ 67.2530, -27.9618,
7.4212

■ 68.5123, -22.8350,
6.2685

■ 69.9668, -17.0834,
5.3077

■ 71.6148, -10.7568,
4.5471

Harmonies

Analogous

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



63.4874, -33.5117, 30.2252



63.4861, -44.7603, 17.2727



63.4874, -46.0693, -6.5521

Triad

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



63.4874, -44.7608, 17.2732



63.4874, 6.6714, -64.9206



63.4874, 39.8014, 27.7605

Complementary

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



63.4861, -44.7603, 17.2727



34.3463, 59.7662, 14.8254

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.



63.4874, 54.7747, 12.0603



63.4861, -44.7603, 17.2727



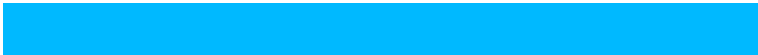
63.4874, 33.6623, -45.0618

Square

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



63.4874, -44.7608, 17.2732



63.4874, -19.1124, -61.6244



63.4874, 52.3600, -14.3958



63.4874, 14.0268, 34.3352

Rectangle

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



63.4861, -44.7603, 17.2727



63.4874, -41.4221, -26.9767



63.4874, 52.3600, -14.3958



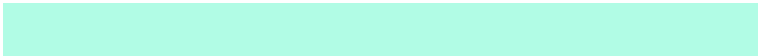
63.4874, 46.4417, 23.7193

Sweetspot

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



63.4874, -44.7608, 17.2732



92.1281, -31.0914, 8.5070



62.9218, -49.8445, 37.8989



42.7589, -15.9801, 4.2814

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4874, -44.7608, 17.2732



85.4248, -60.4211, 23.6582



53.3848, -19.7285, -24.1367



33.7249, -4.8645, 2.1190



51.4921, -36.2037, 13.7927



10.7587, -7.1867, 2.0665

Inverse Universe

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



34.3463, 59.7662, 14.8254



46.1853, 80.2874, 20.5911



35.6463, 52.1287, 22.8767



31.8246, 1.5097, 1.5296



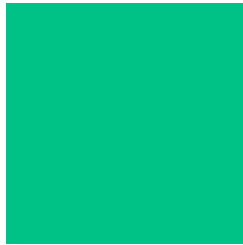
27.8718, 48.5480, 11.6793



5.9016, 10.4874, 0.8620

Previews

White Background



This preview shows how the HunterLab color 63.4861, -44.7603, 17.2727 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 63.4861, -44.7603, 17.2727 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 63.4861, -44.7603, 17.2727 Background



This preview shows how black text looks on a background with the HunterLab color 63.4861, -44.7603, 17.2727.



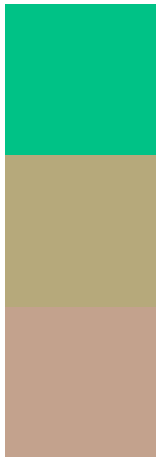
This preview shows how white text looks on a background with the HunterLab color 63.4861, -44.7603, 17.2727.

-44.7603, 17.2727.

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

63.4861, -44.7603, 17.2727

Protanopia

63.0485, -5.4277, 21.1333

Deuteranopia

62.7422, 4.6651, 14.9303



Tritanopia

63.6342, -26.2300, -12.7341

Trichromacy



Original Color

63.4861, -44.7603, 17.2727



Protanomaly

60.8984, -27.5680, 17.4943



Deuteranomaly

60.3259, -22.6148, 13.1448



Tritanomaly

63.2944, -34.3720, -0.5635

Monochromacy



Original Color

63.4861, -44.7603, 17.2727



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

51.2006, -23.4744, 6.2733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4861, -44.7603, 17.2727 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4861, -44.7603, 17.2727 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, 134) }
```


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

```
.border{ border-color:rgb(0, 194, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4861, -44.7603, 17.2727 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, 134) }
```

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

```
.background{ background-color: rgb(0, 194,  
134) }
```

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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