

Converting Colors

HunterLab(62.5826, -43.4248,
15.5189)

Have a look what the booklet for
HunterLab(62.5826, -43.4248,
15.5189) contains.

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Color

**HunterLab(62.5042,
-43.2814, 15.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF89
RGB	0, 191, 137
RGB Percent	0%, 75%, 54%
CMY	0.9999, 0.2510, 0.4627
CMYK	1.00, 0.00, 0.28, 0.25
HSL	163°, 100%, 37%
HSV	163°, 100%, 75%
XYZ	23.1461, 39.0678, 29.9878
YIQ	127.7350, -96.5020, -57.2860

Conversions

Conversions Part 2

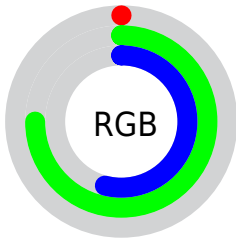
Format	Color
RYB	0, 111, 191
Decimal	49033
CIELab	68.80, -53.28, 16.08
CIELCh	69, 55.657, 163.203
Yxy	39.0693, 0.2510, 0.4237
Android (android.graphics.Color)	4278239113 (0xFF00BF89)
YUV	127.7350, 4.5676, -112.0236
Hunter-Lab	62.5042, -43.2814, 15.3072

Details

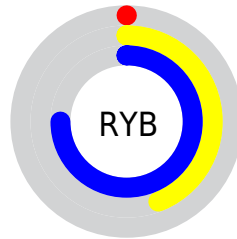
The HunterLab color **62.5042, -43.2814, 15.3072** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **33.6804, 58.4671, 15.6295**, and the grayscale version is **46.3694, -2.4742, 2.5193**.

A 20% lighter version of the original color is **85.7281, -50.0628, 17.8594**, and **42.7743, -30.9359, 13.3174** is the 20% darker color. If you saturate the color by 10%, you get **62.5052, -43.2829, 15.3093**, and if you desaturate by 10%, it is **62.7437, -42.0497, 13.5937**.

Distribution



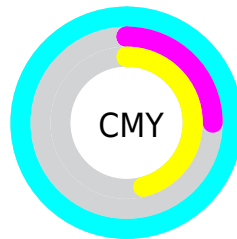
- Red (0%)
- Green (75%)
- Blue (54%)



- Red (0%)
- Yellow (44%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.5042, -43.2814, 15.3072 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 62.5042, -43.2814, 15.3072 by changing the saturation by 10% instead.

62.5042, -43.2814,
15.3072

62.5042, -43.2814,
15.3072

184.9824,
-71.8643, 28.1859

51.7819, -39.5194,
13.8305

85.8744, -50.2992,
18.1996

41.7532, -35.5277,
12.3182

98.4541, -53.6150,
19.6283

32.4714, -31.2376,
10.7537

111.5944,
-56.8309, 21.0517

24.0022, -26.5445,
9.1101

125.2722,
-59.9626, 22.4734

16.4327, -21.3965,
7.3429

139.4673,
-63.0225, 23.8958

9.8862, -17.3008,
6.9203

154.1613,

0.0000, NaN, NaN

-66.0207, 25.3209

0.0000, NaN, NaN

169.3380,
-68.9657, 26.7506

0.0000, NaN, NaN

■ 62.5042, -43.2814,
15.3072

■ 62.5042, -43.2814,
15.3072

■ 62.5052, -43.2829,
15.3093

■ 62.7437, -42.0497,
13.5937

■ 63.0960, -40.3472,
11.9229

■ 63.5994, -38.0357,
10.3465

■ 64.2699, -35.0701,
8.8953

■ 65.1186, -31.4318,
7.5951

■ 66.1528, -27.1246,
6.4669

■ 67.3764, -22.1707,
5.5269

■ 68.7906, -16.6068,
4.7860

■ 70.3940, -10.4802,
4.2504

Harmonies

Analogous

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



62.5054, -33.1643, 28.5340



62.5042, -43.2814, 15.3072



62.5054, -43.8540, -8.0644

Triad

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



62.5054, -43.2819, 15.3078



62.5054, 8.1150, -60.1413



62.5054, 36.0365, 27.4421

Complementary

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



62.5042, -43.2814, 15.3072



33.6804, 58.4671, 15.6295

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.



62.5054, 51.1595, 13.0389



62.5042, -43.2814, 15.3072



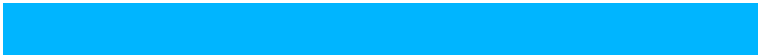
62.5054, 33.4010, -40.3705

Square

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



62.5054, -43.2819, 15.3078



62.5054, -16.7303, -58.7425



62.5054, 50.1251, -11.4329



62.5054, 11.2852, 33.3938

Rectangle

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



62.5042, -43.2814, 15.3072



62.5054, -38.9265, -27.4580



62.5054, 50.1251, -11.4329



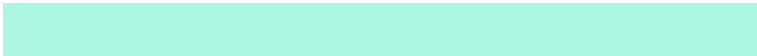
62.5054, 42.5779, 23.7421

Sweetspot

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



62.5054, -43.2819, 15.3078



90.0821, -30.0102, 7.4512



61.6854, -49.6125, 37.1412



41.8732, -15.4294, 3.7309



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



62.5054, -43.2819, 15.3078



83.6221, -58.0839, 20.8661



50.4523, -16.6444, -27.1294



32.8059, -4.6840, 1.9649



50.6844, -35.0010, 12.2059



10.0843, -6.6037, 1.6510

Inverse Universe

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



33.6804, 58.4671, 15.6295



45.0325, 78.0997, 21.5007



35.6235, 49.3658, 22.8144



30.9508, 1.4210, 1.5837



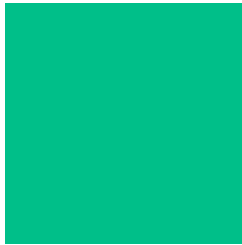
27.3248, 47.4795, 12.3466



5.5145, 9.7875, 0.8980

Previews

White Background



This preview shows how the HunterLab color 62.5042, -43.2814, 15.3072 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 62.5042, -43.2814, 15.3072 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 62.5042, -43.2814, 15.3072 Background



This preview shows how black text looks on a background with the HunterLab color 62.5042, -43.2814, 15.3072.



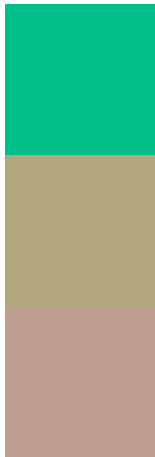
This preview shows how white text looks on a background with the HunterLab color 62.5042, -43.2814, 15.3072.

-43.2814, 15.3072.

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

62.5042, -43.2814, 15.3072

Protanopia

61.8415, -4.9983, 19.0947

Deuteranopia

61.8317, 4.6442, 12.8808



Tritanopia

62.4507, -25.8952, -12.6936

Trichromacy



Original Color

62.5042, -43.2814, 15.3072



Protanomaly

59.8184, -26.5921, 15.4617



Deuteranomaly

59.3182, -21.3649, 10.9902



Tritanomaly

62.2122, -33.4957, -1.3966

Monochromacy



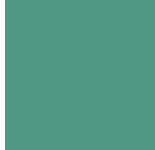
Original Color

62.5042, -43.2814, 15.3072



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

50.5186, -22.8401, 5.5284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.5042, -43.2814, 15.3072 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, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 137)  
}
```

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, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 62.5042, -43.2814, 15.3072 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, 191, 137) }
```


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

```
.border{ border-color:rgb(0, 191, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.5042, -43.2814, 15.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 137) }
```

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

```
.background{ background-color: rgb(0, 191,  
137) }
```

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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