

Converting Colors

HunterLab(60.0803, -49.5021,
1.3400)

Have a look what the booklet for
HunterLab(60.0803, -49.5021,
1.3400) contains.

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Color

**HunterLab(62.8548,
-38.6743, 4.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	00BEA4
RGB	0, 190, 164
RGB Percent	0%, 75%, 64%
CMY	0.9999, 0.2549, 0.3569
CMYK	1.00, 0.00, 0.14, 0.25
HSL	172°, 100%, 37%
HSV	172°, 100%, 75%
XYZ	25.1143, 39.5073, 41.4240
YIQ	130.2260, -104.8940, -48.3660

Conversions

Conversions Part 2

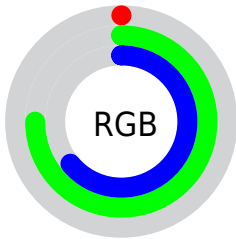
Format	Color
RYB	0, 102, 190
Decimal	48804
CIELab	69.12, -46.04, 1.83
CIELCh	69, 46.074, 177.718
Yxy	39.5088, 0.2368, 0.3726
Android (android.graphics.Color)	4278238884 (0xFF00BEA4)
YUV	130.2260, 16.6506, -114.2082
Hunter-Lab	62.8548, -38.6743, 4.9237

Details

The HunterLab color **62.8548, -38.6743, 4.9237** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.2007, 57.0774, 19.7090**, and the grayscale version is **47.3063, -2.5241, 2.5702**.

A 20% lighter version of the original color is **86.2237, -44.6854, 6.2649**, and **43.3338, -27.5210, 5.2466** is the 20% darker color. If you saturate the color by 10%, you get **62.8557, -38.6758, 4.9258**, and if you desaturate by 10%, it is **63.0415, -37.7759, 3.9820**.

Distribution



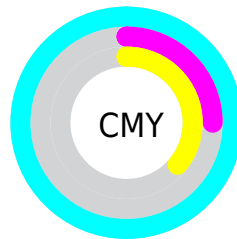
- Red (0%)
- Green (75%)
- Blue (64%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8548, -38.6743, 4.9237 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 62.8548, -38.6743, 4.9237 by changing the saturation by 10% instead.

■ 62.8548, -38.6743,
4.9237

■ 62.8548, -38.6743,
4.9237

185.4855,
-64.0469, 12.2662

■ 52.1112, -35.3875,
4.2461

■ 86.2641, -44.8398,
6.3698

■ 42.0598, -31.9146,
3.5990

■ 98.8619, -47.7682,
7.1349

■ 32.7533, -28.1979,
2.9841

■ 112.0195,
-50.6174, 7.9271

■ 24.2572, -24.1498,
2.4025

■ 125.7141,
-53.4003, 8.7454

■ 16.6576, -19.6279,
1.8550

■ 139.9252,
-56.1271, 9.5892

■ 10.0762, -17.6333,
1.3407

154.6348,

0.0000, NaN, NaN

-58.8060, 10.4577

0.0000, NaN, NaN

169.8265,
-61.4441, 11.3502

0.0000, NaN, NaN

■ 62.8548, -38.6743,
4.9237

■ 62.8548, -38.6743,
4.9237

■ 62.8557, -38.6758,
4.9258

■ 63.0415, -37.7759,
3.9820

■ 63.3348, -36.4455,
3.1562

■ 63.7730, -34.5447,
2.4978

■ 64.3721, -32.0241,
2.0319

■ 65.1438, -28.8595,
1.7768

■ 66.0960, -25.0475,
1.7450

■ 67.2333, -20.6029,
1.9426

■ 68.5574, -15.5551,
2.3709

■ 70.0678, -9.9444,
3.0260

Harmonies

Analogous

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



62.8560, -33.8445, 20.6020



62.8548, -38.6743, 4.9237



62.8560, -35.1155, -17.0765

Triad

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



62.8560, -38.6746, 4.9244



62.8560, 16.4419, -40.6851



62.8560, 19.5717, 27.9149

Complementary

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



62.8548, -38.6743, 4.9237



33.2007, 57.0774, 19.7090

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.



62.8560, 36.3087, 18.7280



62.8548, -38.6743, 4.9237



62.8560, 34.3422, -20.6044

Square

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



62.8560, -38.6746, 4.9244



62.8560, -4.9491, -47.9986



62.8560, 42.0347, 1.8804



62.8560, -1.7493, 30.8824

Rectangle

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



62.8548, -38.6743, 4.9237



62.8560, -28.1675, -31.9299



62.8560, 42.0347, 1.8804



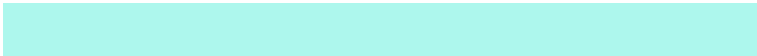
62.8560, 26.0204, 25.6376

Sweetspot

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



62.8560, -38.6746, 4.9244



90.4225, -28.0538, 2.5943



60.8955, -51.1441, 36.6273



42.0543, -14.3830, 1.1478



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.



62.8560, -38.6746, 4.9244



84.5962, -52.1613, 6.8634



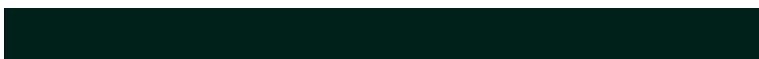
42.4397, -5.1168, -41.9979



32.8428, -4.4789, 1.4393



51.2626, -31.4869, 3.8974



10.1767, -6.0451, 0.3296

Inverse Universe

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



33.2007, 57.0774, 19.7090



44.6682, 76.7524, 26.8739



38.6070, 39.7716, 24.4845



30.9145, 1.2255, 2.1020



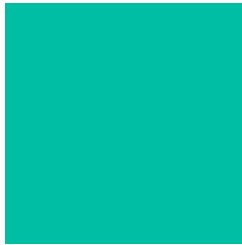
27.0847, 46.5921, 15.8832



5.4251, 9.4597, 2.1941

Previews

White Background



This preview shows how the HunterLab color 62.8548, -38.6743, 4.9237 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 62.8548, -38.6743, 4.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

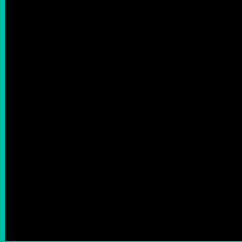
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

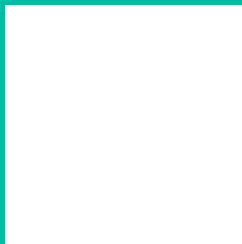
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.8548, -38.6743, 4.9237 Background



This preview shows how black text looks on a background with the HunterLab color 62.8548, -38.6743, 4.9237.



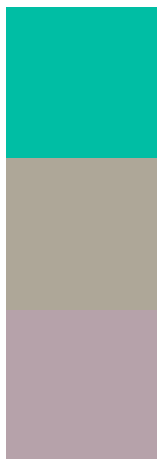
This preview shows how white text looks on a background with the HunterLab color 62.8548, -38.6743, 4.9237.

-38.6743, 4.9237.

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

62.8548, -38.6743, 4.9237

Protanopia

62.3724, -3.4300, 10.1358

Deuteranopia

62.1997, 4.4137, 2.1533



Tritanopia

62.9270, -27.3201, -13.1882

Trichromacy



Original Color

62.8548, -38.6743, 4.9237



Protanomaly

60.3653, -23.1798, 5.8988



Deuteranomaly

60.0377, -18.7770, 0.0817



Tritanomaly

62.8107, -32.1447, -6.2376

Monochromacy



Original Color

62.8548, -38.6743, 4.9237



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

51.2333, -21.0988, 1.5848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8548, -38.6743, 4.9237 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, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 164)  
}
```

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, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8548, -38.6743, 4.9237 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, 190, 164) }
```


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

```
.border{ border-color:rgb(0, 190, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8548, -38.6743, 4.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 164) }
```

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

```
.background{ background-color: rgb(0, 190,  
164) }
```

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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