

Converting Colors

HunterLab(54.8714, -35.8167,
-1.9749)

Have a look what the booklet for
HunterLab(54.8714, -35.8167,
-1.9749) contains.

HunterLab(55.8731, -32.1380, -0.4598)	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(55.8731,
-32.1380, -0.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	00AA9E
RGB	0, 170, 158
RGB Percent	0%, 67%, 62%
CMY	0.9999, 0.3333, 0.3804
CMYK	1.00, 0.00, 0.07, 0.33
HSL	176°, 100%, 33%
HSV	176°, 100%, 67%
XYZ	20.5463, 31.2180, 37.2905
YIQ	117.8020, -97.4680, -39.7720

Conversions

Conversions Part 2

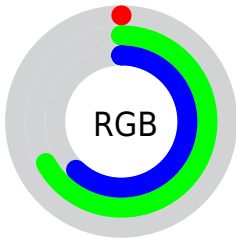
Format	Color
RYB	0, 88, 170
Decimal	43678
CIELab	62.69, -39.11, -4.25
CIElCh	63, 39.339, 186.208
Yxy	31.2192, 0.2307, 0.3506
Android (android.graphics.Color)	4278233758 (0xFF00AA9E)
YUV	117.8020, 19.8176, -103.3124
Hunter-Lab	55.8731, -32.1380, -0.4598

Details

The HunterLab color **55.8731, -32.1380, -0.4598** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.2805, 50.2297, 18.2158**, and the grayscale version is **42.4433, -2.2647, 2.3060**.

A 20% lighter version of the original color is **78.5046, -37.5064, 0.1744**, and **37.1270, -21.6290, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **55.8739, -32.1391, -0.4585**, and if you desaturate by 10%, it is **56.0179, -31.4900, -0.8473**.

Distribution



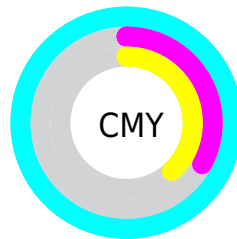
- Red (0%)
- Green (67%)
- Blue (62%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8731, -32.1380, -0.4598 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 55.8731, -32.1380, -0.4598 by changing the saturation by 10% instead.

■ 55.8731, -32.1380,
-0.4598

■ 55.8731, -32.1380,
-0.4598

■ 175.3702,
-54.8386, 4.5051

■ 45.5695, -29.2007,
-0.8048

■ 78.4761, -37.6393,
0.3761

■ 35.9902, -26.0878,
-1.0961

■ 90.7008, -40.2528,
0.8582

■ 27.1959, -22.7375,
-1.3262

■ 103.5015,
-42.7976, 1.3796

■ 19.2641, -19.0508,
-1.4855

■ 116.8535,
-45.2859, 1.9379

■ 12.3016, -16.0018,
-1.5604

■ 130.7348,
-47.7272, 2.5312

■ 5.4594, -9.5539,
-2.9329

■ 145.1261,

0.0000, NaN, NaN

-50.1291, 3.1578

0.0000, NaN, NaN

160.0098,
-52.4978, 3.8162

0.0000, NaN, NaN

■ 55.8731, -32.1380,
-0.4598

■ 55.8731, -32.1380,
-0.4598

■ 55.8739, -32.1391,
-0.4585

■ 56.0179, -31.4900,
-0.8473

■ 56.2522, -30.4834,
-1.1196

■ 56.6122, -28.9856,
-1.2287

■ 57.1118, -26.9535,
-1.1554

■ 57.7610, -24.3645,
-0.8874

■ 58.5669, -21.2138,
-0.4178

■ 59.5334, -17.5119,
0.2553

■ 60.6625, -13.2817,
1.1287

■ 61.9537, -8.5560,
2.1958

Harmonies

Analogous

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



55.8742, -30.0744, 14.2759



55.8731, -32.1380, -0.4598



55.8742, -27.1843, -18.8484

Triad

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



55.8742, -32.1381, -0.4591



55.8742, 17.8645, -28.6591



55.8742, 10.9535, 24.8073

Complementary

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



55.8731, -32.1380, -0.4598



29.2805, 50.2297, 18.2158

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.



55.8742, 26.1966, 18.5822



55.8731, -32.1380, -0.4598



55.8742, 30.5112, -11.1541

Square

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



55.8742, -32.1381, -0.4591



55.8742, 0.6274, -38.0045



55.8742, 33.7305, 6.3291



55.8742, -6.5065, 26.1058

Rectangle

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



55.8731, -32.1380, -0.4598



55.8742, -20.1705, -29.8213



55.8742, 33.7305, 6.3291



55.8742, 16.5685, 23.3379

Sweetspot

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



55.8742, -32.1381, -0.4591



80.1114, -23.8861, 0.2859



53.7079, -45.6000, 32.2954



37.5693, -12.2781, -0.0530



93.2148, -4.9737, 5.0645



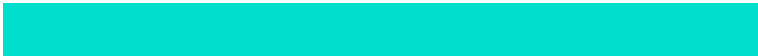
40.3295, -2.1519, 2.1912

Same Dimension

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



55.8742, -32.1381, -0.4591



75.2517, -43.3447, -0.4893



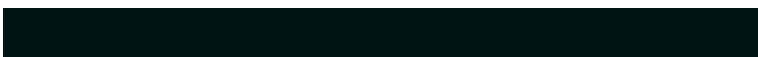
34.4386, 0.5570, -44.2448



29.1938, -3.8601, 1.0719



47.9247, -27.5431, -0.4440



7.4928, -4.1915, -0.3171

Inverse Universe

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



29.2805, 50.2297, 18.2158



39.4238, 67.6068, 24.7587



36.1023, 29.8820, 22.7680



27.4783, 0.9697, 2.0660



25.1187, 43.1076, 15.5247



3.9511, 6.8462, 1.9338

Previews

White Background



This preview shows how the HunterLab color 55.8731, -32.1380, -0.4598 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 55.8731, -32.1380, -0.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

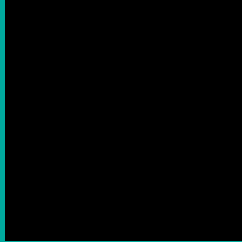
Any Text WCAG AA ✓ Pass

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 55.8731, -32.1380, -0.4598 Background



This preview shows how black text looks on a background with the HunterLab color 55.8731, -32.1380, -0.4598.



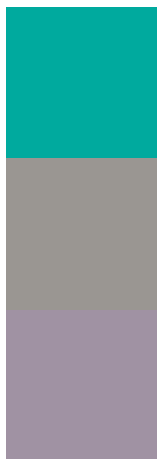
This preview shows how white text looks on a background with the HunterLab color 55.8731,

-32.1380, -0.4598.

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

55.8731, -32.1380, -0.4598

Protanopia

55.4599, -2.3620, 5.0606

Deuteranopia

55.3856, 4.2308, -2.8905



Tritanopia

56.0213, -24.9692, -11.6166

Trichromacy



Original Color

55.8731, -32.1380, -0.4598



Protanomaly

53.7705, -19.0772, 0.9831



Deuteranomaly

53.7035, -15.4268, -4.4039



Tritanomaly

55.8485, -27.8991, -7.5097

Monochromacy



Original Color

55.8731, -32.1380, -0.4598



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.9136, -17.8305, -0.6755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8731, -32.1380, -0.4598 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, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 158)  
}
```

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, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8731, -32.1380, -0.4598 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, 170, 158) }
```


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

```
.border{ border-color:rgb(0, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8731, -32.1380, -0.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 158) }
```

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

```
.background{ background-color: rgb(0, 170,  
158) }
```

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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