

Converting Colors

HunterLab(45.0209, -55.0594,
-9.8976)

Have a look what the booklet for
HunterLab(45.0209, -55.0594,
-9.8976) contains.

HunterLab(51.2368, -29.0379, -1.3571)	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(51.2368,
-29.0379, -1.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	009D94
RGB	0, 157, 148
RGB Percent	0%, 62%, 58%
CMY	0.9999, 0.3843, 0.4196
CMYK	1.00, 0.00, 0.06, 0.38
HSL	177°, 100%, 31%
HSV	177°, 100%, 62%
XYZ	17.4023, 26.2521, 32.1670
YIQ	109.0310, -90.6830, -36.0830

Conversions

Conversions Part 2

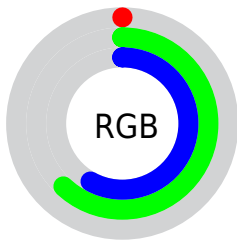
Format	Color
RYB	0, 81, 157
Decimal	40340
CIELab	58.28, -36.24, -5.14
CIELCh	58, 36.598, 188.075
Yxy	26.2531, 0.2295, 0.3462
Android (android.graphics.Color)	4278230420 (0xFF009D94)
YUV	109.0310, 19.2117, -95.6202
Hunter-Lab	51.2368, -29.0379, -1.3571

Details

The HunterLab color **51.2368, -29.0379, -1.3571** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.8116, 45.9848, 16.7532**, and the grayscale version is **39.0746, -2.0849, 2.1230**.

A 20% lighter version of the original color is **73.1952, -34.1571, -0.7573**, and **33.1153, -19.0920, -0.1770** is the 20% darker color. If you saturate the color by 10%, you get **51.2376, -29.0388, -1.3561**, and if you desaturate by 10%, it is **51.3705, -28.4532, -1.6135**.

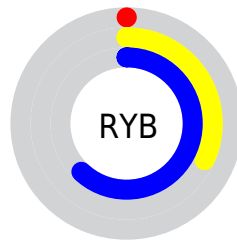
Distribution



Red (0%)

Green (62%)

Blue (58%)



Red (0%)

Yellow (32%)

Blue (62%)

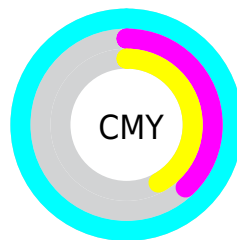


Cyan (100%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2368, -29.0379, -1.3571 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 51.2368, -29.0379, -1.3571 by changing the saturation by 10% instead.

51.2368, -29.0379,
-1.3571

51.2368, -29.0379,
-1.3571

168.5296,
-50.6887, 3.1413

41.2469, -26.2258,
-1.6350

73.2686, -34.2895,
-0.6430

32.0060, -23.2344,
-1.8535

85.2300, -36.7809,
-0.2167

23.5816, -19.9952,
-2.0037

97.7796, -39.2061,
0.2514

16.0623, -16.3930,
-2.0739

110.8911,
-41.5775, 0.7589

9.5740, -16.7544,
-2.0473

124.5412,
-43.9046, 1.3034

0.0000, NaN, -NF

0.0000, NaN, NaN

138.7096,

-46.1949, 1.8831

0.0000, NaN, NaN

153.3779,
-48.4546, 2.4962

0.0000, NaN, NaN

■ 51.2368, -29.0379,
-1.3571

■ 51.2368, -29.0379,
-1.3571

■ 51.2376, -29.0388,
-1.3561

■ 51.3705, -28.4532,
-1.6135

■ 51.5833, -27.5528,
-1.7660

■ 51.9102, -26.2068,
-1.7676

■ 52.3638, -24.3770,
-1.6023

■ 52.9530, -22.0434,
-1.2594

■ 53.6838, -19.2017,
-0.7336

■ 54.5601, -15.8611,
-0.0241

■ 55.5835, -12.0419,
0.8657

■ 56.7537, -7.7736,
1.9291

Harmonies

Analogous

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



51.2378, -27.5629, 12.2883



51.2368, -29.0379, -1.3571



51.2378, -24.1560, -17.9628

Triad

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



51.2378, -29.0380, -1.3565



51.2378, 16.9742, -24.9342



51.2378, 8.8767, 22.7386

Complementary

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



51.2368, -29.0379, -1.3571



26.8116, 45.9848, 16.7532

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.



51.2378, 22.9063, 17.3765



51.2368, -29.0379, -1.3571



51.2378, 27.9550, -8.9703

Square

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



51.2378, -29.0380, -1.3565



51.2378, 1.5184, -33.9825



51.2378, 30.2459, 6.6147



51.2378, -6.8573, 23.6714

Rectangle

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



51.2368, -29.0379, -1.3571



51.2378, -17.5676, -27.5904



51.2378, 30.2459, 6.6147



51.2378, 14.0002, 21.4922

Sweetspot

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



51.2378, -29.0380, -1.3565



72.9388, -21.5083, -0.0952



49.1757, -41.8140, 29.5691



33.9915, -10.9362, -0.2292



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.2378, -29.0380, -1.3565



68.5601, -38.9033, -1.7131



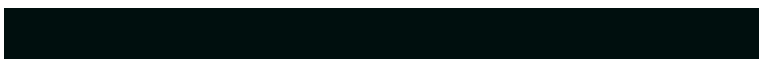
30.9444, 1.5516, -42.0248



27.3915, -3.5867, 0.9704



46.1771, -26.1575, -1.2509



6.1891, -3.4114, -0.3717

Inverse Universe

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



26.8116, 45.9848, 16.7532



35.8653, 61.4923, 22.6175



33.6278, 25.9493, 21.1745



25.7915, 0.8730, 1.9715



24.1656, 41.4585, 15.0396



3.2560, 5.6351, 1.6463

Previews

White Background



This preview shows how the HunterLab color 51.2368, -29.0379, -1.3571 looks on a white background.

Color Contrast Check

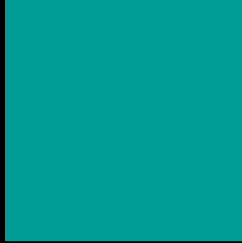
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2368, -29.0379, -1.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

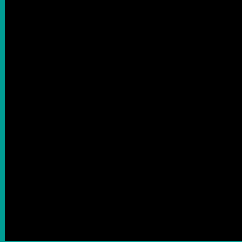
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.2368, -29.0379, -1.3571 Background



This preview shows how black text looks on a background with the HunterLab color 51.2368, -29.0379, -1.3571.



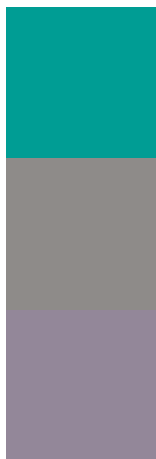
This preview shows how white text looks on a background with the HunterLab color 51.2368,

-29.0379, -1.3571.

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

51.2368, -29.0379, -1.3571

Protanopia

51.0119, -2.1297, 3.8885

Deuteranopia

50.8241, 3.9404, -3.7704



Tritanopia

51.2604, -22.6444, -11.0960

Trichromacy



Original Color

51.2368, -29.0379, -1.3571

Protanomaly

49.6533, -17.5003, 0.1998

Deuteranomaly

49.2534, -13.6225, -5.1331

Tritanomaly

51.1497, -25.2311, -7.4741

Monochromacy



Original Color

51.2368, -29.0379, -1.3571

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.9726, -16.0810, -0.8886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2368, -29.0379, -1.3571 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, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 148)  
}
```

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, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2368, -29.0379, -1.3571 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, 157, 148) }
```


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

```
.border{ border-color:rgb(0, 157, 148) }
```

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

Here you see how a box with a 4 pixel rgb(0, 157, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2368, -29.0379, -1.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 148) }
```

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

```
.background{ background-color: rgb(0, 157,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor