

Converting Colors

HunterLab(47.8533, -34.8172,
-1.2004)

Have a look what the booklet for
HunterLab(47.8533, -34.8172,
-1.2004) contains.

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Color

**HunterLab(49.3159,
-28.7942, 0.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	00988B
RGB	0, 152, 139
RGB Percent	0%, 60%, 55%
CMY	0.9999, 0.4039, 0.4549
CMYK	1.00, 0.00, 0.09, 0.40
HSL	175°, 100%, 30%
HSV	175°, 100%, 60%
XYZ	15.8885, 24.3206, 28.2831
YIQ	105.0700, -86.4190, -36.2670

Conversions

Conversions Part 2

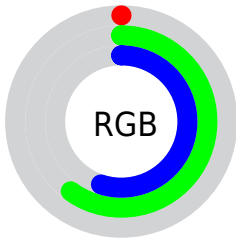
Format	Color
RYB	0, 79, 152
Decimal	39051
CIELab	56.41, -36.67, -2.77
CIELCh	56, 36.771, 184.319
Yxy	24.3215, 0.2320, 0.3551
Android (android.graphics.Color)	4278229131 (0xFF00988B)
YUV	105.0700, 16.7275, -92.1464
Hunter-Lab	49.3159, -28.7942, 0.5178

Details

The HunterLab color **49.3159, -28.7942, 0.5178** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.8943, 44.4531, 15.8608**, and the grayscale version is **37.5764, -2.0050, 2.0416**.

A 20% lighter version of the original color is **71.1022, -34.1848, 1.6300**, and **31.3618, -18.6823, 1.1303** is the 20% darker color. If you saturate the color by 10%, you get **49.3167, -28.7951, 0.5189**, and if you desaturate by 10%, it is **49.4601, -28.1436, 0.1025**.

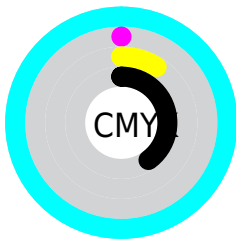
Distribution



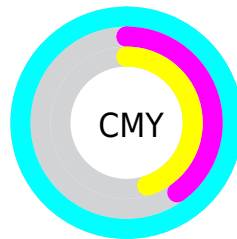
- Red (0%)
- Green (60%)
- Blue (55%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3159, -28.7942, 0.5178 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 49.3159, -28.7942, 0.5178 by changing the saturation by 10% instead.

49.3159, -28.7942,
0.5178

49.3159, -28.7942,
0.5178

165.6629,
-50.7396, 5.8129

39.4617, -25.9227,
0.1300

71.1016, -34.1386,
1.4349

30.3677, -22.8582,
-0.2053

82.9498, -36.6678,
1.9558

22.1049, -19.5244,
-0.4804

95.3916, -39.1268,
2.5147

14.7671, -15.7924,
-0.6850

108.4000,
-41.5287, 3.1094

8.4228, -14.7399,
-0.9044

121.9511,
-43.8836, 3.7382

0.0000, NaN, NaN

0.0000, NaN, NaN

136.0241,

-46.1996, 4.3992

0.0000, NaN, NaN

150.6003,
-48.4832, 5.0912

0.0000, NaN, NaN

■ 49.3159, -28.7942,
0.5178

■ 49.3159, -28.7942,
0.5178

■ 49.3167, -28.7951,
0.5189

■ 49.4601, -28.1436,
0.1025

■ 49.6797, -27.1910,
-0.2186

■ 50.0095, -25.8073,
-0.3992

■ 50.4613, -23.9572,
-0.4227

■ 51.0436, -21.6226,
-0.2782

■ 51.7620, -18.8006,
0.0408

■ 52.6200, -15.5013,
0.5362

■ 53.6191, -11.7452,
1.2061

■ 54.7588, -7.5612,
2.0453

Harmonies

Analogous

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



49.3168, -26.5562, 13.3858



49.3159, -28.7942, 0.5178



49.3168, -24.7591, -15.9561

Triad

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



49.3168, -28.7943, 0.5184



49.3168, 15.1713, -26.6604



49.3168, 10.8471, 21.9032

Complementary

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



49.3159, -28.7942, 0.5178



25.8943, 44.4531, 15.8608

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.



49.3168, 24.2443, 16.0573



49.3159, -28.7942, 0.5178



49.3168, 26.9478, -11.1290

Square

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



49.3168, -28.7943, 0.5184



49.3168, -0.3870, -34.4132



49.3168, 30.4550, 4.7565



49.3168, -4.8416, 23.3042

Rectangle

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



49.3159, -28.7942, 0.5178



49.3168, -18.7249, -26.0696



49.3168, 30.4550, 4.7565



49.3168, 15.8274, 20.5044

Sweetspot

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



49.3168, -28.7943, 0.5184



69.8350, -20.8729, 0.6666



47.4981, -40.1698, 28.5642



33.0743, -10.7899, 0.1854



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.3168, -28.7943, 0.5184



65.5096, -38.3155, 0.8309



31.2813, -0.9495, -37.0470



26.4904, -3.4908, 1.0217



45.1603, -26.3519, 0.4399



5.5427, -3.0964, -0.2437

Inverse Universe

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



25.8943, 44.4531, 15.8608



34.3840, 58.9995, 21.3200



31.6120, 27.1656, 19.9537



24.9616, 0.8619, 1.8274



23.7144, 40.7235, 14.4562



2.9337, 5.1056, 1.2642

Previews

White Background



This preview shows how the HunterLab color 49.3159, -28.7942, 0.5178 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 49.3159, -28.7942, 0.5178 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 49.3159, -28.7942, 0.5178 Background



This preview shows how black text looks on a background with the HunterLab color 49.3159, -28.7942, 0.5178.



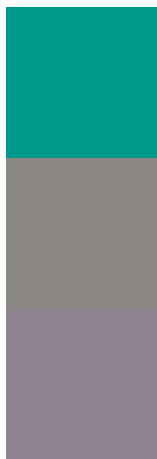
This preview shows how white text looks on a background with the HunterLab color 49.3159, -28.7942, 0.5178.

-28.7942, 0.5178.

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

49.3159, -28.7942, 0.5178

Protanopia

49.0290, -2.1783, 5.0578

Deuteranopia

49.0773, 3.1441, -1.5799



Tritanopia

49.4585, -21.7930, -10.3263

Trichromacy



Original Color

49.3159, -28.7942, 0.5178

Protanomaly

47.7681, -17.1425, 1.5917

Deuteranomaly

47.5840, -14.1382, -2.8133

Tritanomaly

49.3019, -24.6103, -6.2937

Monochromacy



Original Color

49.3159, -28.7942, 0.5178

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.4929, -15.8256, 0.0324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3159, -28.7942, 0.5178 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, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 139)  
}
```

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, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3159, -28.7942, 0.5178 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, 152, 139) }
```


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

```
.border{ border-color:rgb(0, 152, 139) }
```

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

Here you see how a box with a 4 pixel rgb(0, 152, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3159, -28.7942, 0.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 139) }
```

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

```
.background{ background-color: rgb(0, 152,  
139) }
```

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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