

Converting Colors

HunterLab(46.1122, -40.7886,
-6.1262)

Have a look what the booklet for
HunterLab(46.1122, -40.7886,
-6.1262) contains.

HunterLab(49.1394, -27.5081, -2.0380)	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(49.1394,
-27.5081, -2.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	009790
RGB	0, 151, 144
RGB Percent	0%, 59%, 56%
CMY	0.9999, 0.4078, 0.4353
CMYK	1.00, 0.00, 0.05, 0.41
HSL	177°, 100%, 30%
HSV	177°, 100%, 59%
XYZ	16.1006, 24.1468, 30.1977
YIQ	105.0530, -87.7490, -34.1890

Conversions

Conversions Part 2

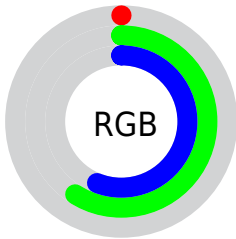
Format	Color
RYB	0, 77, 151
Decimal	38800
CIELab	56.24, -34.70, -5.88
CIELCh	56, 35.196, 189.624
Yxy	24.1477, 0.2286, 0.3428
Android (android.graphics.Color)	4278228880 (0xFF009790)
YUV	105.0530, 19.2009, -92.1315
Hunter-Lab	49.1394, -27.5081, -2.0380

Details

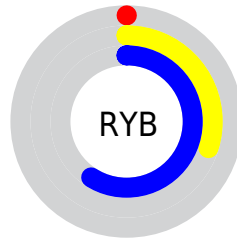
The HunterLab color **49.1394, -27.5081, -2.0380** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.6814, 44.0358, 16.1302**, and the grayscale version is **37.5613, -2.0042, 2.0408**.

A 20% lighter version of the original color is **70.9533, -32.6351, -1.4942**, and **31.1959, -17.5021, -1.2101** is the 20% darker color. If you saturate the color by 10%, you get **49.1402, -27.5089, -2.0371**, and if you desaturate by 10%, it is **49.2662, -26.9635, -2.2076**.

Distribution



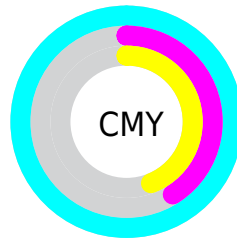
- Red (0%)
- Green (59%)
- Blue (56%)



- Red (0%)
- Yellow (30%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1394, -27.5081, -2.0380 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 49.1394, -27.5081, -2.0380 by changing the saturation by 10% instead.

■ 49.1394, -27.5081,
-2.0380

■ 49.1394, -27.5081,
-2.0380

■ 165.3984,
-48.5697, 2.1218

■ 39.2979, -24.7698,
-2.2676

■ 70.9021, -32.6158,
-1.4118

■ 30.2176, -21.8522,
-2.4341

■ 82.7399, -35.0381,
-1.0261

■ 21.9699, -18.6833,
-2.5276

■ 95.1717, -37.3962,
-0.5965

■ 14.6491, -15.1401,
-2.5356

■ 108.1704,
-39.7023, -0.1259

■ 8.3084, -14.5397,
-2.5830

■ 121.7123,
-41.9659, 0.3831

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.7765,

-44.1945, 0.9286

0.0000, NaN, NaN

150.3441,
-46.3942, 1.5087

0.0000, NaN, NaN

■ 49.1394, -27.5081,
-2.0380

■ 49.1394, -27.5081,
-2.0380

■ 49.1402, -27.5089,
-2.0371

■ 49.2662, -26.9635,
-2.2076

■ 49.4672, -26.1235,
-2.2782

■ 49.7771, -24.8589,
-2.2034

■ 50.2077, -23.1338,
-1.9682

■ 50.7674, -20.9289,
-1.5633

■ 51.4620, -18.2402,
-0.9841

■ 52.2952, -15.0761,
-0.2306

■ 53.2684, -11.4557,
0.6937

■ 54.3814, -7.4066,
1.7817

Harmonies

Analogous

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



49.1403, -26.4190, 11.1479



49.1394, -27.5081, -2.0380



49.1403, -22.5605, -17.7544

Triad

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



49.1403, -27.5082, -2.0374



49.1403, 16.7373, -22.8773



49.1403, 7.6118, 21.7977

Complementary

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



49.1394, -27.5081, -2.0380



25.6814, 44.0358, 16.1302

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.



49.1403, 21.1033, 16.9215



49.1394, -27.5081, -2.0380



49.1403, 26.7867, -7.6410

Square

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



49.1403, -27.5082, -2.0374



49.1403, 2.1920, -31.9159



49.1403, 28.4721, 6.9622



49.1403, -7.2626, 22.4894

Rectangle

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



49.1394, -27.5081, -2.0380



49.1403, -16.1197, -26.6450



49.1403, 28.4721, 6.9622



49.1403, 12.5048, 20.6806

Sweetspot

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



49.1403, -27.5082, -2.0374



69.9084, -20.4529, -0.3771



47.0986, -40.1202, 28.3189



33.1139, -10.5625, -0.3768



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.



49.1403, -27.5082, -2.0374



65.7543, -36.8477, -2.6435



29.0349, 2.5773, -41.8523



26.4983, -3.4471, 0.9096



45.3249, -25.3646, -1.8974



5.5537, -3.0309, -0.3988

Inverse Universe

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



25.6814, 44.0358, 16.1302



34.3551, 58.8922, 21.7492



32.7249, 23.6107, 20.5773



24.9541, 0.8214, 1.9345



23.6885, 40.6274, 14.8406



2.9150, 5.0365, 1.5391

Previews

White Background



This preview shows how the HunterLab color 49.1394, -27.5081, -2.0380 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 49.1394, -27.5081, -2.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

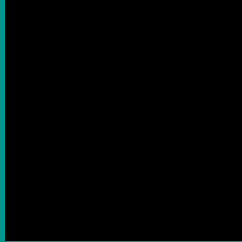
Any Text WCAG AA ✓ Pass

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 49.1394, -27.5081, -2.0380 Background



This preview shows how black text looks on a background with the HunterLab color 49.1394, -27.5081, -2.0380.



This preview shows how white text looks on a background with the HunterLab color 49.1394,

-27.5081, -2.0380.

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

49.1394, -27.5081, -2.0380

Protanopia

48.7140, -1.5437, 2.5394

Deuteranopia

49.0563, 3.3921, -4.0777



Tritanopia

49.3877, -22.0669, -10.4326

Trichromacy



Original Color

49.1394, -27.5081, -2.0380

Protanomaly

47.5577, -16.0564, -0.9527

Deuteranomaly

47.3890, -12.9781, -5.5623

Tritanomaly

49.3342, -24.3483, -7.2950

Monochromacy



Original Color

49.1394, -27.5081, -2.0380

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.5515, -15.4846, -0.8009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1394, -27.5081, -2.0380 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, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 144)  
}
```

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, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1394, -27.5081, -2.0380 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, 151, 144) }
```


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

```
.border{ border-color:rgb(0, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1394, -27.5081, -2.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 144) }
```

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

```
.background{ background-color: rgb(0, 151,  
144) }
```

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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