

Converting Colors

HunterLab(49.4041, -30.6203,
4.3497)

Have a look what the booklet for
HunterLab(49.4041, -30.6203,
4.3497) contains.

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Color

**HunterLab(49.4178,
-30.5376, 4.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	009983
RGB	0, 153, 131
RGB Percent	0%, 60%, 51%
CMY	0.9999, 0.4000, 0.4863
CMYK	1.00, 0.00, 0.14, 0.40
HSL	171°, 100%, 30%
HSV	171°, 100%, 60%
XYZ	15.4880, 24.4212, 25.3702
YIQ	104.7450, -84.1260, -39.2780

Conversions

Conversions Part 2

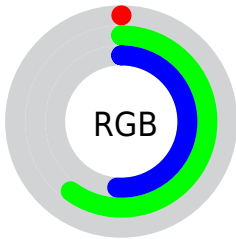
Format	Color
RYB	0, 82, 153
Decimal	39299
CIELab	56.51, -39.43, 1.94
CIELCh	57, 39.478, 177.179
Yxy	24.4221, 0.2373, 0.3741
Android (android.graphics.Color)	4278229379 (0xFF009983)
YUV	104.7450, 12.9437, -91.8614
Hunter-Lab	49.4178, -30.5376, 4.1540

Details

The HunterLab color **49.4178, -30.5376, 4.1540** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.1361, 44.9769, 15.1682**, and the grayscale version is **37.4664, -1.9991, 2.0356**.

A 20% lighter version of the original color is **71.1668, -36.1730, 5.4399**, and **31.4906, -20.0969, 4.0229** is the 20% darker color. If you saturate the color by 10%, you get **49.4186, -30.5387, 4.1554**, and if you desaturate by 10%, it is **49.5848, -29.7460, 3.4122**.

Distribution



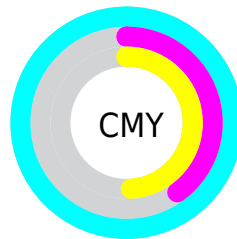
- Red (0%)
- Green (60%)
- Blue (51%)



- Red (0%)
- Yellow (32%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4178, -30.5376, 4.1540 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 49.4178, -30.5376, 4.1540 by changing the saturation by 10% instead.

■ 49.4178, -30.5376,
4.1540

■ 49.4178, -30.5376,
4.1540

165.8155,
-53.7398, 11.2374

■ 39.5563, -27.4752,
3.5096

■ 71.2167, -36.2200,
5.5364

■ 30.4545, -24.1998,
2.8966

■ 83.0710, -38.9014,
6.2711

■ 22.1829, -20.6285,
2.3165

■ 95.5186, -41.5039,
7.0338

■ 14.8354, -16.6435,
1.7694

■ 108.5324,
-44.0419, 7.8236

■ 8.4881, -14.8541,
1.4109

■ 122.0889,
-46.5264, 8.6395

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.1670,

-48.9664, 9.4809

0.0000, NaN, NaN

150.7481,
-51.3689, 10.3471

0.0000, NaN, NaN

■ 49.4178, -30.5376,
4.1540

■ 49.4178, -30.5376,
4.1540

■ 49.4186, -30.5387,
4.1554

■ 49.5848, -29.7460,
3.4122

■ 49.8290, -28.6423,
2.7522

■ 50.1854, -27.0975,
2.2206

■ 50.6655, -25.0772,
1.8356

■ 51.2779, -22.5654,
1.6109

■ 52.0280, -19.5610,
1.5555

■ 52.9192, -16.0763,
1.6742

■ 53.9526, -12.1340,
1.9680

■ 55.1278, -7.7651,
2.4342

Harmonies

Analogous

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



49.4187, -26.6057, 16.4279



49.4178, -30.5376, 4.1540



49.4187, -27.8464, -13.2024

Triad

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



49.4187, -30.5378, 4.1545



49.4187, 12.7264, -32.4569



49.4187, 15.7874, 21.9450

Complementary

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



49.4178, -30.5376, 4.1540



26.1361, 44.9769, 15.1682

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.



49.4187, 28.9193, 14.5998



49.4178, -30.5376, 4.1540



49.4187, 26.9952, -16.6558

Square

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



49.4187, -30.5378, 4.1545



49.4187, -4.1936, -38.0194



49.4187, 33.2659, 1.1792



49.4187, -1.0660, 24.3570

Rectangle

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



49.4178, -30.5376, 4.1540



49.4187, -22.4342, -25.0098



49.4187, 33.2659, 1.1792



49.4187, 20.8635, 20.1202

Sweetspot

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



49.4187, -30.5378, 4.1545



70.7399, -21.8132, 2.2242



47.9219, -40.1180, 28.8263



33.0166, -11.1219, 1.0059



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.



49.4187, -30.5378, 4.1545



66.1168, -40.9637, 5.7886



33.6315, -4.4237, -32.4851



26.4788, -3.5555, 1.1876



44.9303, -27.7374, 3.7182



5.5269, -3.1911, -0.0195

Inverse Universe

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



26.1361, 44.9769, 15.1682



34.9503, 60.1016, 20.6597



30.6111, 30.6121, 19.3973



24.9729, 0.9224, 1.6671



23.7662, 40.9153, 13.6900



2.9614, 5.2071, 0.8617

Previews

White Background



This preview shows how the HunterLab color 49.4178, -30.5376, 4.1540 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 49.4178, -30.5376, 4.1540 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

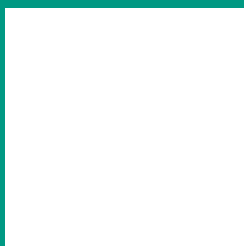
Any Text WCAG AAA × Fail

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

HunterLab 49.4178, -30.5376, 4.1540 Background



This preview shows how black text looks on a background with the HunterLab color 49.4178, -30.5376, 4.1540.



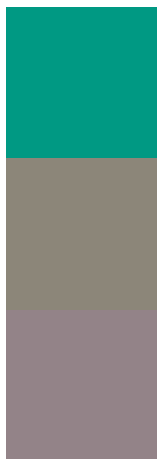
This preview shows how white text looks on a background with the HunterLab color 49.4178, -30.5376, 4.1540.

-30.5376, 4.1540.

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

49.4178, -30.5376, 4.1540

Protanopia

48.9960, -2.7102, 8.2540

Deuteranopia

49.2069, 3.0994, 2.3099



Tritanopia

49.5584, -21.4072, -10.1765

Trichromacy



Original Color

49.4178, -30.5376, 4.1540

Protanomaly

47.5965, -18.2402, 4.8407

Deuteranomaly

47.5038, -14.9247, 0.8602

Tritanomaly

49.2420, -25.0445, -4.8378

Monochromacy



Original Color

49.4178, -30.5376, 4.1540

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.4070, -16.3254, 1.2537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4178, -30.5376, 4.1540 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, 153, 131)` looks like.

```
.text, #text, p{  
  color:rgb(0, 153, 131)  
}
```

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, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4178, -30.5376, 4.1540 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, 153, 131) }
```


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

```
.border{ border-color:rgb(0, 153, 131) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4178, -30.5376, 4.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 131) }
```

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

```
.background{ background-color: rgb(0, 153,  
131) }
```

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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