

Converting Colors

HunterLab(45.2326, -52.5250,
0.5269)

Have a look what the booklet for
HunterLab(45.2326, -52.5250,
0.5269) contains.

HunterLab(49.9750, -31.9074, 6.4146)	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(49.9750,
-31.9074, 6.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	009B7F
RGB	0, 155, 127
RGB Percent	0%, 61%, 50%
CMY	0.9999, 0.3921, 0.5020
CMYK	1.00, 0.00, 0.18, 0.39
HSL	169°, 100%, 30%
HSV	169°, 100%, 61%
XYZ	15.5521, 24.9750, 24.0796
YIQ	105.4630, -83.3920, -41.5680

Conversions

Conversions Part 2

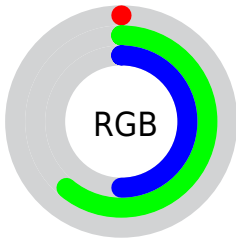
Format	Color
RYB	0, 85, 155
Decimal	39807
CIELab	57.05, -41.40, 5.00
CIElCh	57, 41.700, 173.107
Yxy	24.9760, 0.2407, 0.3866
Android (android.graphics.Color)	4278229887 (0xFF009B7F)
YUV	105.4630, 10.6177, -92.4911
Hunter-Lab	49.9750, -31.9074, 6.4146

Details

The HunterLab color **49.9750, -31.9074, 6.4146** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **26.5577, 45.7932, 14.7112**, and the grayscale version is **37.7468, -2.0141, 2.0509**.

A 20% lighter version of the original color is **71.7378, -37.6837, 7.8573**, and **32.0165, -21.3207, 6.0075** is the 20% darker color. If you saturate the color by 10%, you get **49.9758, -31.9086, 6.4162**, and if you desaturate by 10%, it is **50.1556, -31.0315, 5.4795**.

Distribution



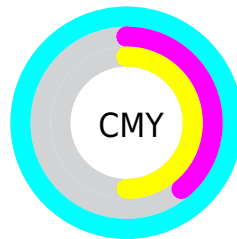
- Red (0%)
- Green (61%)
- Blue (50%)



- Red (0%)
- Yellow (33%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9750, -31.9074, 6.4146 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 49.9750, -31.9074, 6.4146 by changing the saturation by 10% instead.

■ 49.9750, -31.9074,
6.4146

■ 49.9750, -31.9074,
6.4146

166.6488,
-55.9784, 14.7147

■ 40.0739, -28.7174,
5.5921

■ 71.8458, -37.8195,
8.1170

■ 30.9290, -25.3031,
4.7847

■ 83.7332, -40.6055,
8.9978

■ 22.6101, -21.5793,
3.9883

■ 96.2123, -43.3072,
9.8992

■ 15.2093, -17.4192,
3.1941

■ 109.2562,
-45.9396, 10.8213

■ 8.8357, -15.4625,
2.8286

■ 122.8415,
-48.5145, 11.7641

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.9474,

-51.0411, 12.7273

0.0000, NaN, NaN

151.5554,
-53.5270, 13.7109

0.0000, NaN, NaN

■ 49.9750, -31.9074,
6.4146

■ 49.9750, -31.9074,
6.4146

■ 49.9758, -31.9086,
6.4162

■ 50.1556, -31.0315,
5.4795

■ 50.4159, -29.8314,
4.6167

■ 50.7908, -28.1776,
3.8727

■ 51.2924, -26.0362,
3.2673

■ 51.9289, -23.3917,
2.8160

■ 52.7061, -20.2446,
2.5296

■ 53.6269, -16.6085,
2.4148

■ 54.6927, -12.5080,
2.4746

■ 55.9026, -7.9755,
2.7080

Harmonies

Analogous

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



49.9760, -26.8574, 18.3871



49.9750, -31.9074, 6.4146



49.9760, -30.0319, -11.5606

Triad

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



49.9760, -31.9077, 6.4151



49.9760, 11.2501, -36.6395



49.9760, 19.2032, 22.1614

Complementary

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



49.9750, -31.9074, 6.4146



26.5577, 45.7932, 14.7112

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.



49.9760, 32.2413, 13.7332



49.9750, -31.9074, 6.4146



49.9760, 27.2257, -20.5931

Square

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



49.9760, -31.9077, 6.4151



49.9760, -6.6479, -40.6947



49.9760, 35.3628, -1.2801



49.9760, 1.4379, 25.2225

Rectangle

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



49.9750, -31.9074, 6.4146



49.9760, -24.9613, -24.5060



49.9760, 35.3628, -1.2801



49.9760, 24.3784, 20.0378

Sweetspot

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



49.9760, -31.9077, 6.4151



71.6857, -22.5338, 3.2342



48.6791, -40.4063, 29.2879



33.8660, -11.6589, 1.5568



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.



49.9760, -31.9077, 6.4151



66.8595, -42.8161, 8.8590



35.5797, -6.7623, -29.8718



26.4715, -3.5962, 1.2920



44.7940, -28.5622, 5.6689



5.5172, -3.2493, 0.1183

Inverse Universe

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



26.5577, 45.7932, 14.7112



35.5102, 61.1779, 20.1122



30.2878, 33.1615, 19.2428



24.9800, 0.9608, 1.5651



23.8094, 41.0752, 13.0520



2.9787, 5.2706, 0.6111

Previews

White Background



This preview shows how the HunterLab color 49.9750, -31.9074, 6.4146 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 49.9750, -31.9074, 6.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

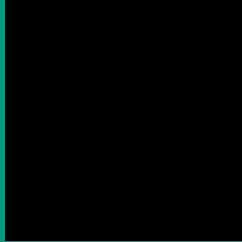
Any Text WCAG AA ✓ Pass

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 49.9750, -31.9074, 6.4146 Background



This preview shows how black text looks on a background with the HunterLab color 49.9750, -31.9074, 6.4146.



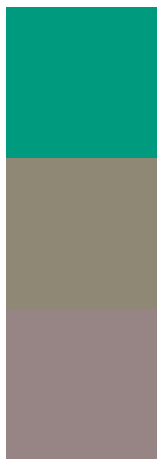
This preview shows how white text looks on a background with the HunterLab color 49.9750, -31.9074, 6.4146.

-31.9074, 6.4146.

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

49.9750, -31.9074, 6.4146

Protanopia

49.7316, -3.2470, 10.5233

Deuteranopia

49.7471, 3.2871, 4.6942



Tritanopia

50.0022, -21.2666, -10.0930

Trichromacy



Original Color

49.9750, -31.9074, 6.4146

Protanomaly

48.2178, -19.2710, 7.1312

Deuteranomaly

47.8066, -15.5898, 2.9932

Tritanomaly

49.8875, -25.9046, -3.5059

Monochromacy



Original Color

49.9750, -31.9074, 6.4146

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.6835, -16.8858, 2.0055

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9750, -31.9074, 6.4146 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, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 127)  
}
```

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, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9750, -31.9074, 6.4146 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, 155, 127) }
```


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

```
.border{ border-color:rgb(0, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9750, -31.9074, 6.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 127) }
```

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

```
.background{ background-color: rgb(0, 155,  
127) }
```

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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