

Converting Colors

HunterLab(49.3448, -40.0743,
-0.1086)

Have a look what the booklet for
HunterLab(49.3448, -40.0743,
-0.1086) contains.

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Color

**HunterLab(51.6621,
-31.2160, 2.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	009F8C
RGB	0, 159, 140
RGB Percent	0%, 62%, 55%
CMY	0.9999, 0.3765, 0.4510
CMYK	1.00, 0.00, 0.12, 0.38
HSL	173°, 100%, 31%
HSV	173°, 100%, 62%
XYZ	17.1318, 26.6897, 29.0596
YIQ	109.2930, -88.6650, -39.6170

Conversions

Conversions Part 2

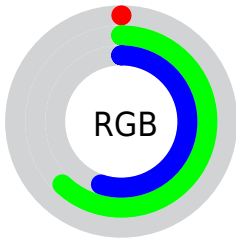
Format	Color
RYB	0, 85, 159
Decimal	40844
CIELab	58.69, -39.48, 0.00
CIELCh	59, 39.484, 179.997
Yxy	26.6907, 0.2351, 0.3662
Android (android.graphics.Color)	4278230924 (0xFF009F8C)
YUV	109.2930, 15.1386, -95.8500
Hunter-Lab	51.6621, -31.2160, 2.8132

Details

The HunterLab color **51.6621, -31.2160, 2.8132** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.2373, 46.8136, 16.2599**, and the grayscale version is **39.1887, -2.0910, 2.1292**.

A 20% lighter version of the original color is **73.5643, -36.8026, 4.0232**, and **33.5463, -20.9102, 3.2092** is the 20% darker color. If you saturate the color by 10%, you get **51.6629, -31.2171, 2.8146**, and if you desaturate by 10%, it is **51.8234, -30.4624, 2.1660**.

Distribution



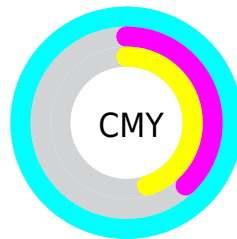
- Red (0%)
- Green (62%)
- Blue (55%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6621, -31.2160, 2.8132 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 51.6621, -31.2160, 2.8132 by changing the saturation by 10% instead.

■ 51.6621, -31.2160,
2.8132

■ 51.6621, -31.2160,
2.8132

169.1616,
-54.3107, 9.2104

■ 41.6426, -28.1885,
2.2682

■ 73.7477, -36.8521,
4.0161

■ 32.3697, -24.9612,
1.7634

■ 85.7338, -39.5178,
4.6687

■ 23.9103, -21.4591,
1.3028

■ 98.3069, -42.1079,
5.3531

■ 16.3517, -17.5587,
0.8912

■ 111.4409,
-44.6360, 6.0681

■ 9.8178, -17.1812,
0.5353

■ 125.1127,
-47.1126, 6.8124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.3019,

-49.5463, 7.5849

0.0000, NaN, NaN

153.9904,
-51.9438, 8.3845

0.0000, NaN, NaN

■ 51.6621, -31.2160,
2.8132

■ 51.6621, -31.2160,
2.8132

■ 51.6629, -31.2171,
2.8146

■ 51.8234, -30.4624,
2.1660

■ 52.0662, -29.3800,
1.6126

■ 52.4259, -27.8390,
1.1998

■ 52.9150, -25.8019,
0.9464

■ 53.5424, -23.2505,
0.8658

■ 54.3140, -20.1828,
0.9664

■ 55.2336, -16.6105,
1.2522

■ 56.3024, -12.5564,
1.7229

■ 57.5200, -8.0522,
2.3745

Harmonies

Analogous

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



51.6631, -27.8269, 15.9212



51.6621, -31.2160, 2.8132



51.6631, -27.8283, -14.9974

Triad

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



51.6631, -31.2162, 2.8138



51.6631, 14.3733, -31.4376



51.6631, 14.3767, 22.9500

Complementary

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



51.6621, -31.2160, 2.8132



27.2373, 46.8136, 16.2599

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.



51.6631, 28.2431, 15.9192



51.6621, -31.2160, 2.8132



51.6631, 28.2410, -15.0011

Square

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



51.6631, -31.2162, 2.8138



51.6631, -2.7611, -38.2351



51.6631, 33.6083, 2.8105



51.6631, -2.7577, 25.0459

Rectangle

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



51.6621, -31.2160, 2.8132



51.6631, -21.8994, -26.6401



51.6631, 33.6083, 2.8105



51.6631, 19.6497, 21.2251

Sweetspot

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



51.6631, -31.2162, 2.8138



73.8378, -22.5251, 1.6466



49.9590, -42.0071, 30.0484



34.8181, -11.6271, 0.6983



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.6631, -31.2162, 2.8138



69.1228, -41.8586, 3.9632



34.2845, -3.3317, -35.6586



27.3785, -3.6586, 1.1548



45.9177, -27.7164, 2.4386



6.1683, -3.5362, -0.0761

Inverse Universe

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



27.2373, 46.8136, 16.2599



36.4273, 62.5719, 22.0736



32.2940, 30.9700, 20.4406



25.8039, 0.9399, 1.7943



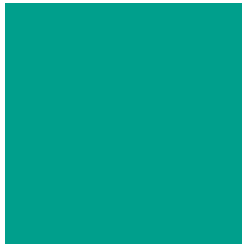
24.2126, 41.6328, 14.3432



3.2879, 5.7525, 1.1798

Previews

White Background



This preview shows how the HunterLab color 51.6621, -31.2160, 2.8132 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 51.6621, -31.2160, 2.8132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

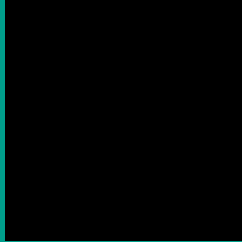
Any Text WCAG AA ✓ Pass

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 51.6621, -31.2160, 2.8132 Background



This preview shows how black text looks on a background with the HunterLab color 51.6621, -31.2160, 2.8132.



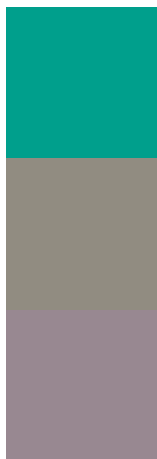
This preview shows how white text looks on a background with the HunterLab color 51.6621, -31.2160, 2.8132.

-31.2160, 2.8132.

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

51.6621, -31.2160, 2.8132

Protanopia

51.3429, -2.8732, 7.6033

Deuteranopia

51.3109, 3.6599, 0.7278



Tritanopia

51.7321, -22.4048, -10.9732

Trichromacy



Original Color

51.6621, -31.2160, 2.8132



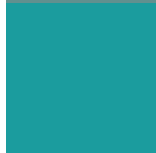
Protanomaly

49.8359, -18.8695, 3.9784



Deuteranomaly

49.4682, -14.9037, -0.9250



Tritanomaly

51.4573, -25.8341, -6.0161

Monochromacy



Original Color

51.6621, -31.2160, 2.8132



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.1901, -16.9963, 0.7285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6621, -31.2160, 2.8132 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, 159, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 140)  
}
```

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, 159, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6621, -31.2160, 2.8132 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, 159, 140) }
```


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

```
.border{ border-color:rgb(0, 159, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6621, -31.2160, 2.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 140) }
```

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

```
.background{ background-color: rgb(0, 159,  
140) }
```

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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