

Converting Colors

HunterLab(49.3118, -31.1787,
5.6704)

Have a look what the booklet for
HunterLab(49.3118, -31.1787,
5.6704) contains.

HunterLab(49.3100, -31.1896, 5.6961)	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(49.3100,
-31.1896, 5.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	00997F
RGB	0, 153, 127
RGB Percent	0%, 60%, 50%
CMY	0.9999, 0.4000, 0.5020
CMYK	1.00, 0.00, 0.17, 0.40
HSL	170°, 100%, 30%
HSV	170°, 100%, 60%
XYZ	15.2220, 24.3148, 23.9696
YIQ	104.2890, -82.8420, -40.5220

Conversions

Conversions Part 2

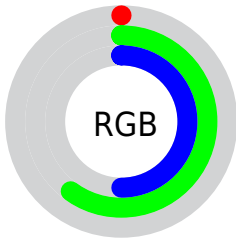
Format	Color
RYB	0, 84, 153
Decimal	39295
CIELab	56.40, -40.55, 4.07
CIELCh	56, 40.752, 174.270
Yxy	24.3157, 0.2397, 0.3829
Android (android.graphics.Color)	4278229375 (0xFF00997F)
YUV	104.2890, 11.1965, -91.4615
Hunter-Lab	49.3100, -31.1896, 5.6961

Details

The HunterLab color **49.3100, -31.1896, 5.6961** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **26.1678, 45.0952, 14.6975**, and the grayscale version is **37.2995, -1.9902, 2.0266**.

A 20% lighter version of the original color is **71.0505, -36.8637, 7.1029**, and **31.3965, -20.6680, 5.3733** is the 20% darker color. If you saturate the color by 10%, you get **49.3108, -31.1907, 5.6975**, and if you desaturate by 10%, it is **49.4859, -30.3427, 4.8262**.

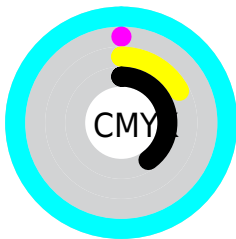
Distribution



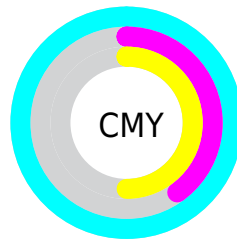
- Red (0%)
- Green (60%)
- Blue (50%)



- Red (0%)
- Yellow (33%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3100, -31.1896, 5.6961 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 49.3100, -31.1896, 5.6961 by changing the saturation by 10% instead.

■ 49.3100, -31.1896,
5.6961

■ 49.3100, -31.1896,
5.6961

165.6541,
-54.9120, 13.6117

■ 39.4563, -28.0469,
4.9297

■ 71.0949, -37.0132,
7.2975

■ 30.3627, -24.6819,
4.1835

■ 82.9428, -39.7579,
8.1322

■ 22.1004, -21.0087,
3.4551

■ 95.3843, -42.4198,
8.9897

■ 14.7632, -16.9358,
2.7381

■ 108.3923,
-45.0139, 9.8700

■ 8.4190, -14.7333,
2.4616

■ 121.9431,
-47.5518, 10.7726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.0158,

-50.0428, 11.6973

0.0000, NaN, NaN

150.5917,
-52.4942, 12.6438

0.0000, NaN, NaN

■ 49.3100, -31.1896,
5.6961

■ 49.3100, -31.1896,
5.6961

■ 49.3108, -31.1907,
5.6975

■ 49.4859, -30.3427,
4.8262

■ 49.7394, -29.1802,
4.0305

■ 50.1057, -27.5726,
3.3553

■ 50.5964, -25.4866,
2.8198

■ 51.2197, -22.9067,
2.4387

■ 51.9811, -19.8331,
2.2221

■ 52.8838, -16.2789,
2.1761

■ 53.9289, -12.2677,
2.3031

■ 55.1158, -7.8312,
2.6015

Harmonies

Analogous

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



49.3109, -26.5178, 17.6400



49.3100, -31.1896, 5.6961



49.3109, -29.0951, -11.9267

Triad

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



49.3109, -31.1898, 5.6966



49.3109, 11.5730, -35.0340



49.3109, 18.0014, 21.8779

Complementary

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



49.3100, -31.1896, 5.6961



26.1678, 45.0952, 14.6975

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.



49.3109, 30.9407, 13.8560



49.3100, -31.1896, 5.6961



49.3109, 26.8905, -19.2133

Square

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



49.3109, -31.1898, 5.6966



49.3109, -5.8636, -39.5034



49.3109, 34.3961, -0.5313



49.3109, 0.6814, 24.7195

Rectangle

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



49.3100, -31.1896, 5.6961



49.3109, -23.9755, -24.4138



49.3109, 34.3961, -0.5313



49.3109, 23.0967, 19.8639

Sweetspot

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



49.3109, -31.1898, 5.6966



70.6918, -22.0890, 2.9093



47.9907, -39.8249, 28.8739



32.9912, -11.2683, 1.3679



87.6224, -4.6753, 4.7607



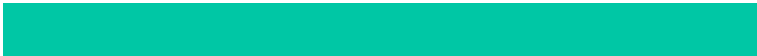
35.4919, -1.8938, 1.9283

Same Dimension

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



49.3109, -31.1898, 5.6966



65.9704, -41.8498, 7.8843



35.0900, -6.6893, -29.4176



26.4736, -3.5844, 1.2617



44.8329, -28.3266, 5.1116



5.5200, -3.2325, 0.0786

Inverse Universe

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



26.1678, 45.0952, 14.6975



34.9897, 60.2478, 20.0758



29.8737, 32.6477, 18.9787



24.9779, 0.9496, 1.5948



23.7959, 41.0255, 13.2502



2.9737, 5.2522, 0.6836

Previews

White Background



This preview shows how the HunterLab color 49.3100, -31.1896, 5.6961 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 49.3100, -31.1896, 5.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

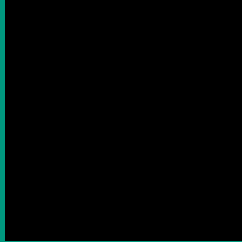
Any Text WCAG AA ✓ Pass

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 49.3100, -31.1896, 5.6961 Background



This preview shows how black text looks on a background with the HunterLab color 49.3100, -31.1896, 5.6961.



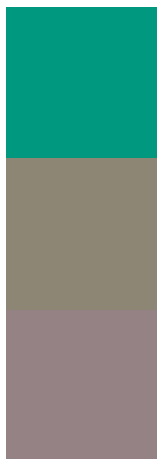
This preview shows how white text looks on a background with the HunterLab color 49.3100,

-31.1896, 5.6961.

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

49.3100, -31.1896, 5.6961

Protanopia

48.9870, -2.9378, 9.7649

Deuteranopia

48.9153, 3.2926, 3.7393



Tritanopia

49.2477, -21.0369, -10.0615

Trichromacy



Original Color

49.3100, -31.1896, 5.6961

Protanomaly

47.5435, -18.6527, 6.4112

Deuteranomaly

47.0833, -15.1640, 2.1526

Tritanomaly

49.1911, -25.3744, -3.9017

Monochromacy



Original Color

49.3100, -31.1896, 5.6961

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

40.3078, -16.8177, 1.9948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3100, -31.1896, 5.6961 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 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, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3100, -31.1896, 5.6961 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, 127) }
```


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

```
.border{ border-color:rgb(0, 153, 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, 153, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3100, -31.1896, 5.6961 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, 127) }
```

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

```
.background{ background-color: rgb(0, 153,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor