

Converting Colors

HunterLab(68.1463, -31.1274,
-5.5113)

Have a look what the booklet for
HunterLab(68.1463, -31.1274,
-5.5113) contains.

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Color

**HunterLab(68.1959,
-31.1013, -5.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	4CC7C7
RGB	76, 199, 199
RGB Percent	30%, 78%, 78%
CMY	0.7019, 0.2196, 0.2196
CMYK	0.62, 0.00, 0.00, 0.22
HSL	180°, 52%, 54%
HSV	180°, 62%, 78%
XYZ	33.7127, 46.5068, 61.2327
YIQ	162.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

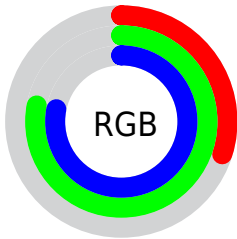
Format	Color
RYB	76, 138, 199
Decimal	5031879
CIELab	73.87, -33.45, -10.13
CIElCh	74, 34.951, 196.846
Yxy	46.5086, 0.2383, 0.3288
Android (android.graphics.Color)	4283221959 (0xFF4CC7C7)
YUV	162.2230, 18.1311, -75.6176
Hunter-Lab	68.1959, -31.1013, -5.4990

Details

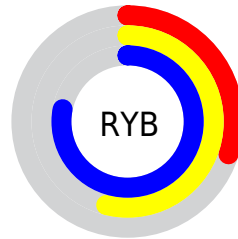
The HunterLab color **68.1959, -31.1013, -5.4990** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **42.2305, 42.0954, 17.1576**, and the grayscale version is **60.1513, -3.2095, 3.2681**.

A 20% lighter version of the original color is **91.7296, -35.4203, -5.2470**, and **47.2177, -25.0326, -4.9799** is the 20% darker color. If you saturate the color by 10%, you get **67.6872, -33.0892, -6.2009**, and if you desaturate by 10%, it is **68.8865, -28.4411, -4.5567**.

Distribution



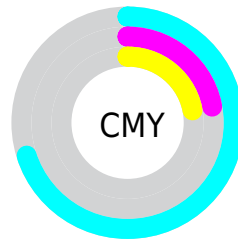
- Red (30%)
- Green (78%)
- Blue (78%)



- Red (30%)
- Yellow (54%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1959, -31.1013, -5.4990 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 68.1959, -31.1013, -5.4990 by changing the saturation by 10% instead.

68.1959, -31.1013,
-5.4990

68.1959, -31.1013,
-5.4990

193.0931,
-50.9128, -2.1066

57.1378, -28.6514,
-5.6422

92.1844, -35.7783,
-5.0476

46.7508, -26.0986,
-5.7258

105.0515,
-38.0339, -4.7493

37.0829, -23.4108,
-5.7423

118.4672,
-40.2478, -4.4065

28.1922, -20.5395,
-5.6842

132.4098,
-42.4278, -4.0219

20.1536, -17.4073,
-5.5425

146.8601,
-44.5798, -3.5977

13.0695, -14.0857,
-5.3092

161.8010,

6.5491, -11.4610,

-46.7087, -3.1360

-6.1969

177.2167,
-48.8186, -2.6384

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1959, -31.1013,
-5.4990

■ 68.1959, -31.1013,
-5.4990

■ 67.6872, -33.0892,
-6.2009

■ 68.8865, -28.4411,
-4.5567

■ 67.3428, -34.4410,
-6.6786

■ 69.7651, -25.0929,
-3.3713

■ 67.1451, -35.2207,
-6.9541


■ 70.8390, -21.0621,
-1.9430


■ 67.0610, -35.5531,
-7.0714


■ 72.1115, -16.3704,
-0.2788


■ 73.5831, -11.0531,

1.6095

 75.2519, -5.1557,
3.7064

 77.1140, 1.2697,
5.9942

 79.1641, 8.1678,
8.4541

 81.3830, 15.4413,
11.0519

Harmonies

Analogous

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



68.1972, -31.5369, 10.1494



68.1959, -31.1013, -5.4990



68.1972, -23.7672, -21.7931

Triad

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



68.1972, -31.1016, -5.4980



68.1972, 20.7405, -19.9684



68.1972, 3.6313, 26.8163

Complementary

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



68.1959, -31.1013, -5.4990



42.2305, 42.0954, 17.1576

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.



68.1972, 19.1257, 22.0652



68.1959, -31.1013, -5.4990



68.1972, 29.6102, -3.4210

Square

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



68.1972, -31.1016, -5.4980



68.1972, 5.6727, -31.3981



68.1972, 28.9929, 11.7937



68.1972, -12.4830, 26.5122

Rectangle

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



68.1959, -31.1013, -5.4990



68.1972, -15.5245, -29.7523



68.1972, 28.9929, 11.7937



68.1972, 9.1132, 25.8155

Sweetspot

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



68.1972, -31.1016, -5.4980



95.8857, -19.9589, 0.2354



65.5684, -47.0255, 33.3959



44.1135, -10.1362, -0.2113

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1972, -31.1016, -5.4980



89.3916, -44.4596, -8.4439



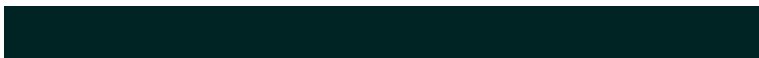
49.2815, -4.3725, -34.7180



34.7384, -4.5434, 0.9859



53.7744, -28.5091, -5.6704



11.7013, -6.2036, -1.2339

Inverse Universe

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



42.2305, 42.0954, 17.1576



50.5851, 67.4383, 26.2547



54.8812, 13.1964, 26.6606



32.6143, 1.1249, 2.7322



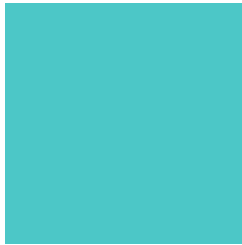
27.9422, 47.8519, 18.0554



6.0802, 10.4126, 3.9288

Previews

White Background



This preview shows how the HunterLab color 68.1959, -31.1013, -5.4990 looks on a white background.

Color Contrast Check

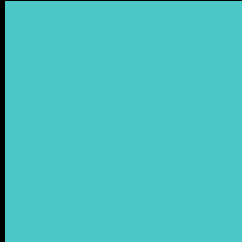
Large Text (above 18pt) WCAG AA × Fail

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 68.1959, -31.1013, -5.4990 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

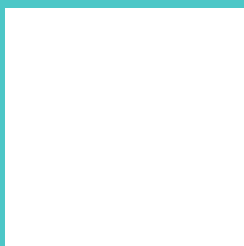
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.1959, -31.1013, -5.4990 Background



This preview shows how black text looks on a background with the HunterLab color 68.1959, -31.1013, -5.4990.



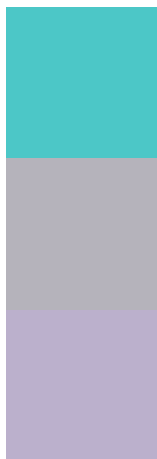
This preview shows how white text looks on a background with the HunterLab color 68.1959, -31.1013, -5.4990.

-31.1013, -5.4990.

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

68.1959, -31.1013, -5.4990

Protanopia

67.5661, -1.6139, 0.3506

Deuteranopia

67.8049, 4.8552, -8.0867



Tritanopia

68.2132, -26.5916, -13.1488

Trichromacy



Original Color

68.1959, -31.1013, -5.4990



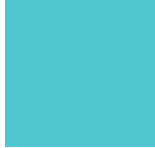
Protanomaly

66.8723, -14.8188, -2.7545



Deuteranomaly

66.8942, -10.7726, -8.4940



Tritanomaly

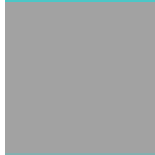
68.2991, -28.3448, -10.2137

Monochromacy



Original Color

68.1959, -31.1013, -5.4990



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

62.1131, -15.5070, -0.7117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1959, -31.1013, -5.4990 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(76, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(76, 199, 199)  
}
```

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(76, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 199, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1959, -31.1013, -5.4990 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(76, 199, 199) }
```


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

```
.border{ border-color:rgb(76, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(76, 199,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1959, -31.1013, -5.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 199, 199) }
```

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

```
.background{ background-color: rgb(76, 199,  
199) }
```

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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