

Converting Colors

HunterLab(67.2059, -34.1742,
-18.1017)

Have a look what the booklet for
HunterLab(67.2059, -34.1742,
-18.1017) contains.

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Color

**HunterLab(67.7948,
-31.2018, -17.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7DB
RGB	0, 199, 219
RGB Percent	0%, 78%, 86%
CMY	0.9998, 0.2196, 0.1412
CMYK	1.00, 0.09, 0.00, 0.14
HSL	185°, 100%, 43%
HSV	185°, 100%, 86%
XYZ	33.2096, 45.9613, 74.1389
YIQ	141.7790, -125.0240, -35.9680

Conversions

Conversions Part 2

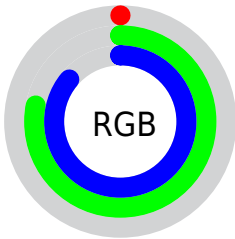
Format	Color
RYB	0, 104, 219
Decimal	51163
CIELab	73.52, -33.70, -21.60
CIELCh	74, 40.030, 212.664
Yxy	45.9630, 0.2166, 0.2998
Android (android.graphics.Color)	4278241243 (0xFF00C7DB)
YUV	141.7790, 38.0700, -124.3402
Hunter-Lab	67.7948, -31.2018, -17.3819

Details

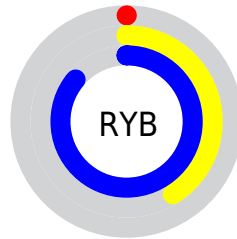
The HunterLab color **67.7948, -31.2018, -17.3819** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **39.4494, 64.2872, 25.4317**, and the grayscale version is **51.8166, -2.7648, 2.8153**.

A 20% lighter version of the original color is **90.5142, -40.0869, -6.8988**, and **47.8865, -21.0804, -14.3474** is the 20% darker color. If you saturate the color by 10%, you get **67.7941, -31.2006, -17.3837**, and if you desaturate by 10%, it is **68.5998, -31.5707, -16.2053**.

Distribution



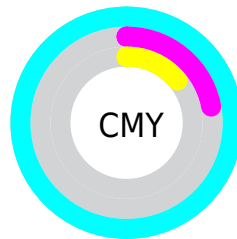
- Red (0%)
- Green (78%)
- Blue (86%)



- Red (0%)
- Yellow (41%)
- Blue (86%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7948, -31.2018, -17.3819 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 67.7948, -31.2018, -17.3819 by changing the saturation by 10% instead.

67.7948, -31.2018,
-17.3819

67.7948, -31.2018,
-17.3819

192.5253,
-51.1269, -17.4052

56.7597, -28.7335,
-17.1050

91.7407, -35.9098,
-17.7490

46.3972, -26.1606,
-16.7651

104.5881,
-38.1792, -17.8472

36.7556, -23.4497,
-16.3616

117.9848,
-40.4062, -17.8920

27.8936, -20.5513,
-15.9015

131.9091,
-42.5985, -17.8862

19.8867, -17.3857,
-15.4099

146.3419,
-44.7621, -17.8324

12.8387, -14.1242,
-14.9688

161.2657,

6.2438, -10.9267,

-46.9021, -17.7329

-17.4410

176.6649,
-49.0225, -17.5899

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.7948, -31.2018,
-17.3819

■ 67.7948, -31.2018,
-17.3819

■ 67.7941, -31.2006,
-17.3837

■ 68.5998, -31.5707,
-16.2053

■ 69.5416, -31.4088,
-14.8377

■ 70.6603, -30.5690,
-13.2291

■ 71.9723, -28.9985,
-11.3680

■ 73.4875, -26.6757,

-9.2553

■ 75.2111, -23.6040,
-6.9003

■ 77.1443, -19.8060,
-4.3186

■ 79.2853, -15.3194,
-1.5299

■ 81.6299, -10.1916,
1.4441

Harmonies

Analogous

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



67.7960, -35.8019, 2.0885



67.7948, -31.2018, -17.3819



67.7960, -19.2888, -34.0642

Triad

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



67.7960, -31.2017, -17.3809



67.7960, 31.1990, -13.8834



67.7960, -5.2768, 29.6548

Complementary

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



67.7948, -31.2018, -17.3819



39.4494, 64.2872, 25.4317

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.



67.7960, 13.6129, 27.5064



67.7948, -31.2018, -17.3819



67.7960, 35.9710, 5.2540

Square

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



67.7960, -31.2017, -17.3809



67.7960, 16.8009, -31.6917



67.7960, 29.2233, 19.6165



67.7960, -21.8796, 26.5542

Rectangle

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



67.7948, -31.2018, -17.3819



67.7960, -8.1317, -39.5162



67.7960, 29.2233, 19.6165



67.7960, 1.0107, 29.5217

Sweetspot

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



67.7960, -31.2017, -17.3809



91.5897, -23.6707, -5.2209



71.2100, -60.8375, 42.3270



41.9090, -11.8819, -3.0321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7960, -31.2017, -17.3809



80.4794, -36.9837, -20.7550



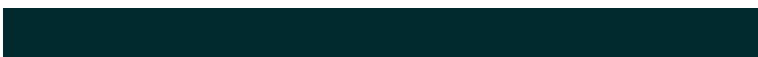
35.5603, 20.8560, -89.4638



38.2303, -4.6274, 0.7528



52.2849, -24.1275, -13.2672



13.5341, -6.4231, -3.0508

Inverse Universe

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



43.8008, 84.4176, -44.6750



52.0285, 100.2663, -52.9369



55.1721, 22.8446, 34.3951



36.4050, 2.7802, -0.9203



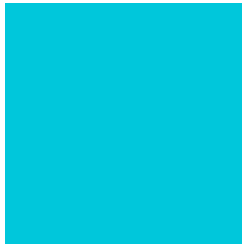
33.7394, 65.0516, -34.5687



8.6232, 16.6819, -9.2673

Previews

White Background



This preview shows how the HunterLab color 67.7948, -31.2018, -17.3819 looks on a white background.

Color Contrast Check

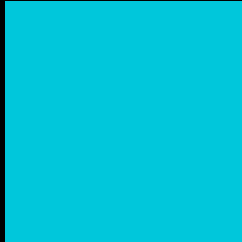
Large Text (above 18pt) WCAG AA × Fail

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 67.7948, -31.2018, -17.3819 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

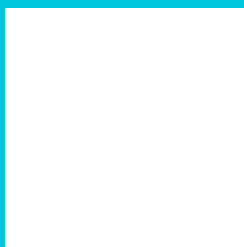
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.7948, -31.2018, -17.3819 Background



This preview shows how black text looks on a background with the HunterLab color 67.7948, -31.2018, -17.3819.



This preview shows how white text looks on a background with the HunterLab color 67.7948,

-31.2018, -17.3819.

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

67.7948, -31.2018, -17.3819

Protanopia

67.3517, 0.3869, -9.3357

Deuteranopia

67.4026, 5.0187, -20.4120



Tritanopia

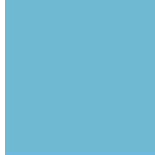
67.6792, -31.8827, -15.7675

Trichromacy



Original Color

67.7948, -31.2018, -17.3819



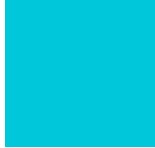
Protanomaly

65.6890, -17.8178, -14.8679



Deuteranomaly

65.5244, -14.1976, -22.4047



Tritanomaly

67.7175, -31.6568, -16.3030

Monochromacy



Original Color

67.7948, -31.2018, -17.3819



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

55.9199, -19.4328, -6.2048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7948, -31.2018, -17.3819 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, 199, 219)` looks like.

```
.text, #text, p{  
  color:rgb(0, 199, 219)  
}
```

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, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7948, -31.2018, -17.3819 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, 199, 219) }
```


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

```
.border{ border-color:rgb(0, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7948, -31.2018, -17.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 219) }
```

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

```
.background{ background-color: rgb(0, 199,  
219) }
```

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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