

Converting Colors

HunterLab(76.9162, -31.8956,
2.7988)

Have a look what the booklet for
HunterLab(76.9162, -31.8956,
2.7988) contains.

HunterLab(76.9157, -31.8951, 2.8009)	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(76.9157,
-31.8951, 2.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	7ADBCC
RGB	122, 219, 204
RGB Percent	48%, 86%, 80%
CMY	0.5216, 0.1412, 0.2000
CMYK	0.44, 0.00, 0.07, 0.14
HSL	171°, 57%, 67%
HSV	171°, 44%, 86%
XYZ	44.2566, 59.1602, 66.2133
YIQ	188.2870, -52.9970, -25.2290

Conversions

Conversions Part 2

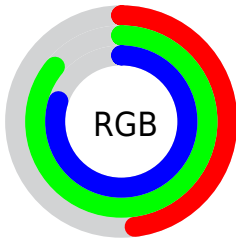
Format	Color
RYB	122, 175, 219
Decimal	8051660
CIELab	81.38, -32.20, -1.55
CIELCh	81, 32.237, 182.750
Yxy	59.1626, 0.2609, 0.3488
Android (android.graphics.Color)	4286241740 (0xFF7ADBCC)
YUV	188.2870, 7.7465, -58.1337
Hunter-Lab	76.9157, -31.8951, 2.8009

Details

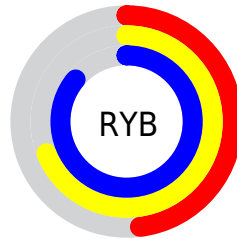
The HunterLab color **76.9157, -31.8951, 2.8009** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55.4859, 33.8016, 9.4901**, and the grayscale version is **71.0213, -3.7895, 3.8587**.

A 20% lighter version of the original color is **93.9807, -26.9542, -2.2470**, and **54.6287, -27.3260, 1.8673** is the 20% darker color. If you saturate the color by 10%, you get **75.8809, -36.1169, 3.1343**, and if you desaturate by 10%, it is **78.1727, -26.9078, 2.7370**.

Distribution



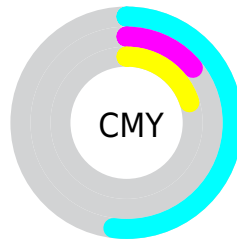
- Red (48%)
- Green (86%)
- Blue (80%)



- Red (48%)
- Yellow (69%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)





- Cyan (52%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.9157, -31.8951, 2.8009 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 76.9157, -31.8951, 2.8009 by changing the saturation by 10% instead.


 76.9157, -31.8951,
2.8009


 76.9157, -31.8951,
2.8009


205.3057,
-50.9867, 9.2627

 65.3789, -29.5779,
2.2455


 101.7909,
-36.3555, 4.0227

 54.4833, -27.1802,
1.7282


 115.0719,
-38.5196, 4.6832

 44.2709, -24.6791,
1.2531


 128.8850,
-40.6507, 5.3750

 34.7908, -22.0408,
0.8239

143.2105,
-42.7547, 6.0969

 26.1046, -19.2137,
0.4455

158.0305,
-44.8366, 6.8476

 18.2931, -16.1134,
0.1250

173.3292,

 11.4679, -13.6642,

-46.9005, 7.6261

-0.1275

189.0920,
-48.9496, 8.4314

■ 3.9099, -6.8423,
-1.4268

0.0000, NaN, NaN

■ 76.9157, -31.8951,
2.8009

■ 76.9157, -31.8951,
2.8009

■ 75.8809, -36.1169,
3.1343

■ 78.1727, -26.9078,
2.7370

■ 75.0566, -39.5619,
3.7219


■ 79.6510, -21.1814,
2.9451


■ 74.4328, -42.2457,
4.5450


■ 81.3525, -14.7608,
3.4257


■ 73.9929, -44.2110,
5.5766

■ 83.2750, -7.7012,
4.1729

 73.7140, -45.5347,
6.7810


 85.4139, -0.0650,
5.1765

 73.6026, -46.0973,
7.5140

 87.7630, 8.0825,
6.4227

 88.0400, 9.2158,
5.1225

 88.1477, 9.7882,
3.5873

 88.2573, 10.3704,
2.0260

Harmonies

Analogous

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



76.9172, -29.0549, 16.1654



76.9157, -31.8951, 2.8009



76.9172, -27.7977, -12.9490

Triad

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



76.9172, -31.8958, 2.8019



76.9172, 12.8425, -23.9624



76.9172, 10.1486, 25.5211

Complementary

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



76.9157, -31.8951, 2.8009



55.4859, 33.8016, 9.4901

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.



76.9172, 22.8481, 18.1083



76.9157, -31.8951, 2.8009



76.9172, 24.4886, -10.0945

Square

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



76.9172, -31.8958, 2.8019



76.9172, -2.6604, -30.2117



76.9172, 28.2872, 5.5464



76.9172, -5.5454, 27.6272

Rectangle

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



76.9157, -31.8951, 2.8009



76.9172, -21.4748, -22.2374



76.9172, 28.2872, 5.5464



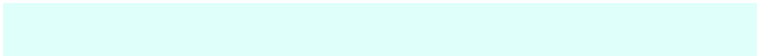
76.9172, 14.9505, 23.6517

Sweetspot

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



76.9172, -31.8958, 2.8019



96.9124, -16.5857, 4.1587



75.8209, -40.0357, 31.6207



44.6141, -8.4998, 1.8485

0.0000, NaN, NaN



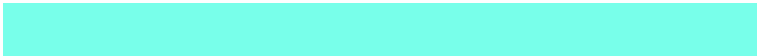
46.2646, -2.4686, 2.5136

Same Dimension

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



76.9172, -31.8958, 2.8019



90.2488, -42.5265, 3.6790



66.8232, -14.0619, -18.5350



38.4619, -5.3338, 1.7562



56.6871, -35.4250, 5.6186



14.4615, -8.8171, 0.9580

Inverse Universe

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



55.4859, 33.8016, 9.4901



60.4753, 49.8005, 13.5256



62.9988, 15.3815, 21.7594



36.1721, 1.5302, 2.3950



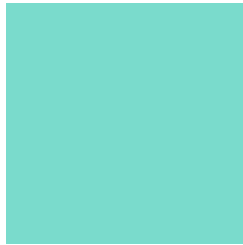
30.0137, 51.6602, 17.3720



7.7077, 13.4014, 3.4159

Previews

White Background



This preview shows how the HunterLab color 76.9157, -31.8951, 2.8009 looks on a white background.

Color Contrast Check

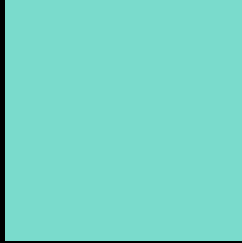
Large Text (above 18pt) WCAG AA × Fail

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 76.9157, -31.8951, 2.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

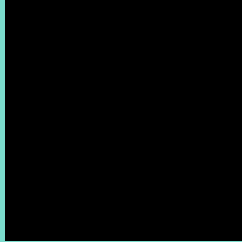
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

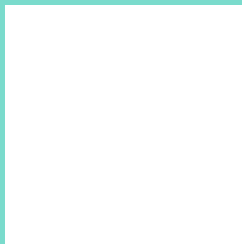
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.9157, -31.8951, 2.8009 Background



This preview shows how black text looks on a background with the HunterLab color 76.9157, -31.8951, 2.8009.



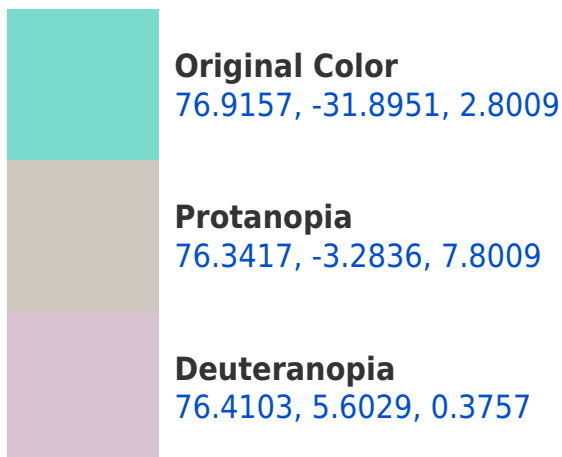
This preview shows how white text looks on a background with the HunterLab color 76.9157,

-31.8951, 2.8009.

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





Tritanopia

76.9239, -23.0674, -11.8466

Trichromacy



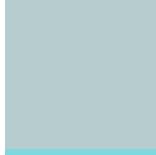
Original Color

76.9157, -31.8951, 2.8009



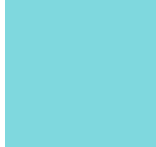
Protanomaly

76.0071, -15.4247, 5.3599



Deuteranomaly

75.9183, -10.2488, 0.4991



Tritanomaly

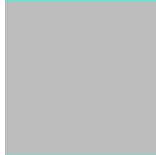
76.7448, -26.1657, -6.5578

Monochromacy



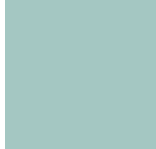
Original Color

76.9157, -31.8951, 2.8009



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.5496, -15.0858, 2.7298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.9157, -31.8951, 2.8009 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(122, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 219, 204)  
}
```

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(122, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 219, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 76.9157, -31.8951, 2.8009 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(122, 219, 204) }
```


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

```
.border{ border-color:rgb(122, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(122, 219,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.9157, -31.8951, 2.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 219, 204) }
```

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

```
.background{ background-color: rgb(122,  
219, 204) }
```

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