

Converting Colors

HunterLab(87.6202, -49.3717,
-2.2372)

Have a look what the booklet for
HunterLab(87.6202, -49.3717,
-2.2372) contains.

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Color

**HunterLab(87.5173,
-49.3010, -2.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	10FDEF
RGB	16, 253, 239
RGB Percent	6%, 99%, 94%
CMY	0.9371, 0.0078, 0.0627
CMYK	0.94, 0.00, 0.06, 0.01
HSL	176°, 98%, 53%
HSV	176°, 94%, 99%
XYZ	50.9190, 76.5928, 93.7616
YIQ	180.5410, -136.7580, -54.5980

Conversions

Conversions Part 2

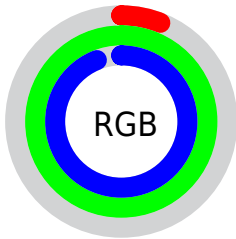
Format	Color
R_{YB}	16, 138, 253
Decimal	1113583
CIE _{Lab}	90.14, -51.39, -7.29
CIE _{LCh}	90, 51.902, 188.070
Yxy	76.5957, 0.2301, 0.3461
Android (android.graphics.Color)	4279303663 (0xFF10FDEF)
YUV	180.5410, 28.8203, -144.3025
Hunter-Lab	87.5173, -49.3010, -2.2582

Details

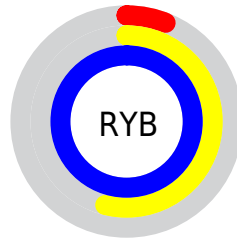
The HunterLab color **87.5173, -49.3010, -2.2582** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **46.2054, 77.2622, 28.2436**, and the grayscale version is **67.7160, -3.6132, 3.6791**.

A 20% lighter version of the original color is **91.0371, -38.0707, -6.1853**, and **65.1530, -37.1351, -1.2715** is the 20% darker color. If you saturate the color by 10%, you get **87.4238, -49.7450, -1.8868**, and if you desaturate by 10%, it is **87.7795, -48.1626, -2.6978**.

Distribution



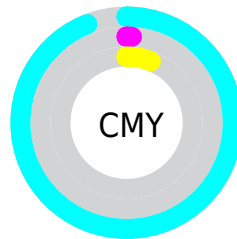
- Red (6%)
- Green (99%)
- Blue (94%)



- Red (6%)
- Yellow (54%)
- Blue (99%)



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (94%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5173, -49.3010, -2.2582 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 87.5173, -49.3010, -2.2582 by changing the saturation by 10% instead.


 87.5173, -49.3010,
-2.2582


 87.5173, -49.3010,
-2.2582


219.8600,
-75.7124, 2.5943


 75.4461, -45.9894,
-2.6027


 113.3881,
-55.6108, -1.4344


 63.9858, -42.5429,
-2.8999


 127.1360,
-58.6416, -0.9626

 53.1730, -38.9295,
-3.1447


 141.3986,
-61.6060, -0.4535

 43.0489, -35.1050,
-3.3317

 156.1580,
-64.5136, 0.0911

 33.6640, -31.0064,
-3.4544

171.3979,
-67.3720, 0.6696

 25.0820, -26.5385,
-3.5042

187.1036,

 17.3863, -21.5515,

-70.1878, 1.2804

-3.4699

203.2618,
-72.9664, 1.9224

■ 10.6943, -18.7150,
-3.3375

■ 1.2233, -2.1408,
-24.6211

■ 87.5173, -49.3010,
-2.2582

■ 87.5173, -49.3010,
-2.2582

■ 87.4238, -49.7450,
-1.8868

■ 87.7795, -48.1626,
-2.6978

■ 88.2294, -46.2787,
-2.8902

■ 88.8967, -43.5528,
-2.7959

■ 89.8019, -39.9279,
-2.3889

90.9592, -35.3803,
-1.6536

92.3781, -29.9144,
-0.5841

94.0634, -23.5589,
0.8171

96.0161, -16.3617,
2.5403

98.2340, -8.3853,
4.5700

Harmonies

Analogous

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



87.5189, -46.7941, 20.8839



87.5173, -49.3010, -2.2582



87.5189, -41.0127, -30.3667

Triad

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



87.5189, -49.3012, -2.2571



87.5189, 28.7187, -42.1634



87.5189, 15.0110, 38.6555

Complementary

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



87.5173, -49.3010, -2.2582



46.2054, 77.2622, 28.2436

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.



87.5189, 38.7708, 29.5255



87.5173, -49.3010, -2.2582



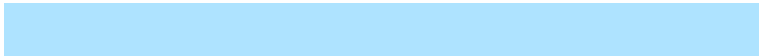
87.5189, 47.3128, -15.1600

Square

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



87.5189, -49.3012, -2.2571



87.5189, 2.5335, -57.4527



87.5189, 51.1934, 11.2475



87.5189, -11.6565, 40.2471

Rectangle

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



87.5173, -49.3010, -2.2582



87.5189, -29.8312, -46.6462



87.5189, 51.1934, 11.2475



87.5189, 23.6898, 36.5313

Sweetspot

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



87.5189, -49.3012, -2.2571



94.1341, -26.6709, 0.1680



84.0209, -70.9565, 50.1838



43.2193, -13.5937, -0.1947

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5189, -49.3012, -2.2571



88.2084, -50.1929, -1.9008



53.9619, 1.1741, -68.8359



45.2348, -6.1356, 1.5619



63.7683, -36.2447, -1.4630



19.9116, -11.2281, -0.6495

Inverse Universe

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



46.2054, 77.2622, 28.2436



46.1462, 79.1019, 29.2359



58.3527, 42.1690, 36.1948



42.4317, 1.6888, 3.2991



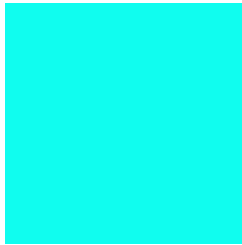
33.3672, 57.2168, 20.9834



10.4397, 17.9574, 6.1329

Previews

White Background



This preview shows how the HunterLab color 87.5173, -49.3010, -2.2582 looks on a white background.

Color Contrast Check

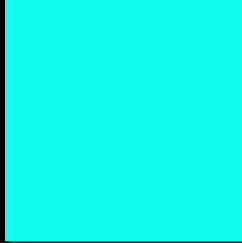
Large Text (above 18pt) WCAG AA × Fail

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 87.5173, -49.3010, -2.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

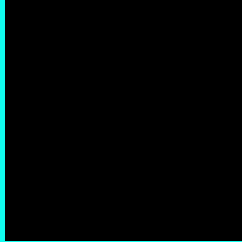
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

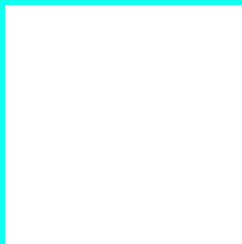
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5173, -49.3010, -2.2582 Background



This preview shows how black text looks on a background with the HunterLab color 87.5173, -49.3010, -2.2582.



This preview shows how white text looks on a background with the HunterLab color 87.5173,

-49.3010, -2.2582.

Color Blindness Simulation

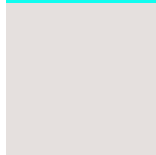
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



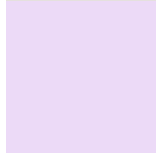
Original Color

87.5173, -49.3010, -2.2582



Protanopia

86.7429, -3.3220, 6.1566



Deuteranopia

86.4240, 6.6618, -6.9975



Tritanopia

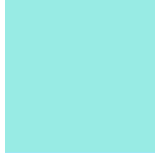
87.1609, -27.9495, -11.1368

Trichromacy



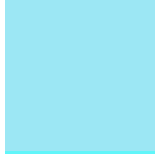
Original Color

87.5173, -49.3010, -2.2582



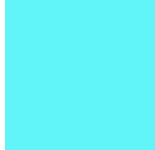
Protanomaly

84.6720, -28.7274, 0.2754



Deuteranomaly

84.1139, -22.8102, -8.8978



Tritanomaly

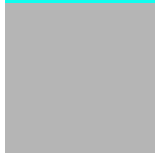
86.4209, -38.2944, -8.9047

Monochromacy



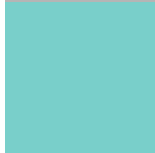
Original Color

87.5173, -49.3010, -2.2582



Achromatopsia

67.9762, -3.6270, 3.6933



Achromatomaly

72.7701, -27.1242, -1.1606

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5173, -49.3010, -2.2582 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(16, 253, 239)` looks like.

```
.text, #text, p{  
    color:rgb(16, 253, 239)  
}
```

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(16, 253, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 253, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5173, -49.3010, -2.2582 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(16, 253, 239) }
```


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

```
.border{ border-color:rgb(16, 253, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 253, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 253, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 253, 239);  
box-shadow:4px 4px 4px 4px rgb(16, 253,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5173, -49.3010, -2.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 253, 239) }
```

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

```
.background{ background-color: rgb(16, 253,  
239) }
```

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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