

Converting Colors

HunterLab(71.4269, -66.9196,
2.6485)

Have a look what the booklet for
HunterLab(71.4269, -66.9196,
2.6485) contains.

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Color

**HunterLab(75.8449,
-47.7430, 8.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	00E1BD
RGB	0, 225, 189
RGB Percent	0%, 88%, 74%
CMY	0.9998, 0.1176, 0.2588
CMYK	1.00, 0.00, 0.16, 0.12
HSL	170°, 100%, 44%
HSV	170°, 100%, 88%
XYZ	36.1105, 57.5245, 57.3442
YIQ	153.6210, -122.5440, -58.8960

Conversions

Conversions Part 2

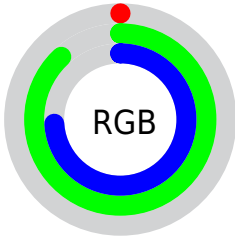
Format	Color
RYB	0, 122, 225
Decimal	57789
CIELab	80.47, -53.70, 4.82
CIELCh	80, 53.918, 174.869
Yxy	57.5267, 0.2392, 0.3810
Android (android.graphics.Color)	4278247869 (0xFF00E1BD)
YUV	153.6210, 17.4418, -134.7256
Hunter-Lab	75.8449, -47.7430, 8.2639

Details

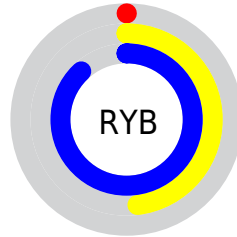
The HunterLab color **75.8449, -47.7430, 8.2639** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.1703, 69.1052, 23.4943**, and the grayscale version is **56.6646, -3.0235, 3.0787**.

A 20% lighter version of the original color is **90.2019, -41.9928, -1.9351**, and **54.9122, -35.5307, 8.0651** is the 20% darker color. If you saturate the color by 10%, you get **75.8460, -47.7451, 8.2671**, and if you desaturate by 10%, it is **76.0668, -46.6430, 6.9117**.

Distribution



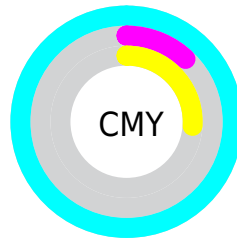
- Red (0%)
- Green (88%)
- Blue (74%)



- Red (0%)
- Yellow (48%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.8449, -47.7430, 8.2639 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 75.8449, -47.7430, 8.2639 by changing the saturation by 10% instead.


 75.8449, -47.7430,
8.2639


 75.8449, -47.7430,
8.2639


203.8185,
-75.6686, 16.9265


 64.3648, -44.1631,
7.4063


 100.6148,
-54.5011, 10.0444


 53.5293, -40.4066,
6.5682


 113.8465,
-57.7230, 10.9658


 43.3810, -36.4280,
5.7496


 127.6122,
-60.8619, 11.9081

 33.9701, -32.1615,
4.9486

 141.8920,
-63.9300, 12.8712

 25.3595, -27.5091,
4.1617

 156.6680,
-66.9372, 13.8548

 17.6321, -22.3172,
3.3826

171.9239,

 10.9035, -19.0811,

-69.8917, 14.8588

2.5997

187.6452,
-72.8003, 15.8828

■ 2.2930, -4.0127,
1.6051

0.0000, NaN, NaN

■ 75.8449, -47.7430,
8.2639

■ 75.8449, -47.7430,
8.2639

■ 75.8460, -47.7451,
8.2671

■ 76.0668, -46.6430,
6.9117

■ 76.4237, -44.9932,
5.6939

■ 76.9582, -42.6404,
4.6688

■ 77.6911, -39.5209,
3.8697

■ 78.6370, -35.6036,
3.3217

■ 79.8060, -30.8844,
3.0422

■ 81.2038, -25.3821,
3.0415

■ 82.8326, -19.1341,
3.3228

■ 84.6917, -12.1919,
3.8837

Harmonies

Analogous

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



75.8464, -40.7995, 26.7353



75.8449, -47.7430, 8.2639



75.8464, -44.3308, -18.7492

Triad

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



75.8464, -47.7434, 8.2647



75.8464, 18.1674, -53.0212



75.8464, 26.9550, 33.6586

Complementary

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



75.8449, -47.7430, 8.2639



40.1703, 69.1052, 23.4943

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.



75.8464, 46.9131, 21.5470



75.8449, -47.7430, 8.2639



75.8464, 41.3791, -28.7002

Square

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



75.8464, -47.7434, 8.2647



75.8464, -8.4759, -60.2540



75.8464, 52.5174, -0.2546



75.8464, 0.4777, 37.8894

Rectangle

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



75.8449, -47.7430, 8.2639



75.8464, -36.3654, -37.7305



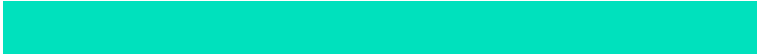
75.8464, 52.5174, -0.2546



75.8464, 34.7830, 30.6239

Sweetspot

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



75.8464, -47.7434, 8.2647



93.5418, -29.4038, 3.5015



73.6584, -61.7547, 44.3059



42.9465, -14.8951, 1.6032

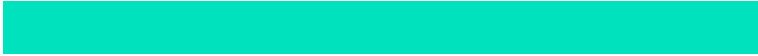
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.8464, -47.7434, 8.2647



87.3984, -55.0725, 9.6453



52.2056, -7.5888, -48.8676



39.4115, -5.4836, 1.8227



57.5870, -36.1667, 6.0948



15.1950, -9.3180, 1.1224

Inverse Universe

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



40.1703, 69.1052, 23.4943



46.2804, 79.5996, 27.2462



45.8737, 50.3477, 29.1472



37.0623, 1.5867, 2.4319



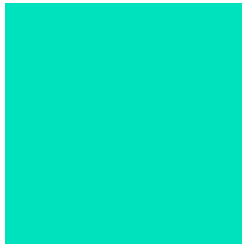
30.5105, 52.5273, 17.5658



8.1016, 14.0840, 3.6093

Previews

White Background



This preview shows how the HunterLab color 75.8449, -47.7430, 8.2639 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 75.8449, -47.7430, 8.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

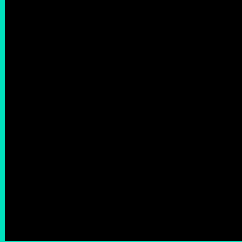
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

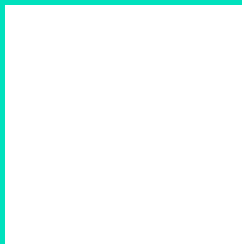
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.8449, -47.7430, 8.2639 Background



This preview shows how black text looks on a background with the HunterLab color 75.8449, -47.7430, 8.2639.



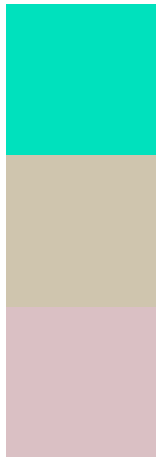
This preview shows how white text looks on a background with the HunterLab color 75.8449,

-47.7430, 8.2639.

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

75.8449, -47.7430, 8.2639

Protanopia

75.0026, -4.3136, 14.4854

Deuteranopia

75.2265, 5.3300, 5.2866



Tritanopia

75.6894, -32.6381, -16.0947

Trichromacy



Original Color

75.8449, -47.7430, 8.2639



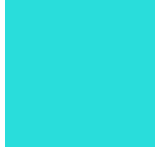
Protanomaly

72.6539, -28.9555, 9.4588



Deuteranomaly

72.4741, -23.7159, 2.9689



Tritanomaly

75.6960, -39.1877, -6.5353

Monochromacy



Original Color

75.8449, -47.7430, 8.2639



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.6678, -25.9068, 2.3963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8449, -47.7430, 8.2639 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, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 189)  
}
```

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, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8449, -47.7430, 8.2639 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, 225, 189) }
```


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

```
.border{ border-color:rgb(0, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8449, -47.7430, 8.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 189) }
```

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

```
.background{ background-color: rgb(0, 225,  
189) }
```

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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