

Converting Colors

HunterLab(77.5730, -49.8606,
10.6753)

Have a look what the booklet for
HunterLab(77.5730, -49.8606,
10.6753) contains.

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Color

**HunterLab(77.6044,
-49.8430, 10.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	00E6BC
RGB	0, 230, 188
RGB Percent	0%, 90%, 74%
CMY	0.9998, 0.0980, 0.2627
CMYK	1.00, 0.00, 0.18, 0.10
HSL	169°, 100%, 45%
HSV	169°, 100%, 90%
XYZ	37.3739, 60.2244, 57.2315
YIQ	156.4420, -123.5980, -61.8220

Conversions

Conversions Part 2

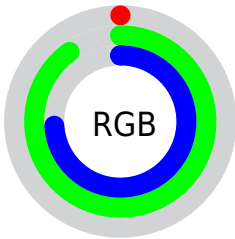
Format	Color
RYB	0, 127, 230
Decimal	59068
CIELab	81.96, -55.93, 7.49
CIELCh	82, 56.433, 172.372
Yxy	60.2268, 0.2414, 0.3890
Android (android.graphics.Color)	4278249148 (0xFF00E6BC)
YUV	156.4420, 15.5581, -137.1996
Hunter-Lab	77.6044, -49.8430, 10.5980

Details

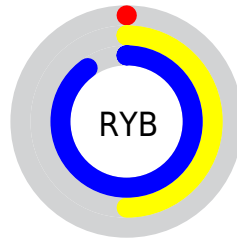
The HunterLab color **77.6044, -49.8430, 10.5980** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **41.2212, 70.9936, 23.4870**, and the grayscale version is **57.8189, -3.0851, 3.1414**.

A 20% lighter version of the original color is **90.2035, -42.0541, -1.4095**, and **56.2463, -37.1284, 9.8466** is the 20% darker color. If you saturate the color by 10%, you get **77.6055, -49.8453, 10.6014**, and if you desaturate by 10%, it is **77.8415, -48.6507, 9.0400**.

Distribution



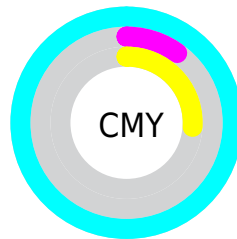
- Red (0%)
- Green (90%)
- Blue (74%)



- Red (0%)
- Yellow (50%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6044, -49.8430, 10.5980 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 77.6044, -49.8430, 10.5980 by changing the saturation by 10% instead.


 77.6044, -49.8430,
10.5980


 77.6044, -49.8430,
10.5980


206.2603,
-78.6055, 20.2488


 66.0314, -46.1530,
9.6038


 102.5468,
-56.8093, 12.6304

 55.0975, -42.2821,
8.6204


 115.8593,
-60.1297, 13.6692


 44.8441, -38.1847,
7.6457


 129.7027,
-63.3639, 14.7240

 35.3199, -33.7956,
6.6752

 144.0573,
-66.5242, 15.7954

 26.5858, -29.0189,
5.7015

 158.9055,
-69.6208, 16.8834

 18.7208, -23.7061,
4.7117

174.2315,

 11.8345, -20.7103,

-72.6620, 17.9883

3.6844

190.0209,
-75.6550, 19.1101

■ 4.6597, -8.1544,
3.2618

0.0000, NaN, NaN

■ 77.6044, -49.8430,
10.5980

■ 77.6044, -49.8430,
10.5980

■ 77.6055, -49.8453,
10.6014

■ 77.8415, -48.6507,
9.0400

■ 78.2185, -46.8864,
7.6078

■ 78.7786, -44.3943,
6.3609

■ 79.5433, -41.1097,
5.3349

■ 80.5276, -37.0015,
4.5571

■ 81.7416, -32.0667,
4.0471

■ 83.1913, -26.3258,
3.8174

■ 84.8788, -19.8188,
3.8735

■ 86.8030, -12.5998,
4.2146

Harmonies

Analogous

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



77.6059, -41.6854, 29.0549



77.6044, -49.8430, 10.5980



77.6059, -47.1773, -17.4238

Triad

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



77.6059, -49.8434, 10.5988



77.6059, 16.9877, -58.0398



77.6059, 30.7865, 34.4005

Complementary

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



77.6044, -49.8430, 10.5980



41.2212, 70.9936, 23.4870

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.



77.6059, 50.9538, 21.0107



77.6044, -49.8430, 10.5980



77.6059, 42.2465, -33.1149

Square

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



77.6059, -49.8434, 10.5988



77.6059, -11.0286, -63.8524



77.6059, 55.4155, -2.7415



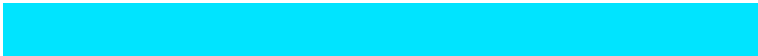
77.6059, 2.9872, 39.3344

Rectangle

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



77.6044, -49.8430, 10.5980



77.6059, -39.4216, -37.8130



77.6059, 55.4155, -2.7415



77.6059, 38.8332, 31.0196

Sweetspot

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



77.6059, -49.8434, 10.5988



93.4862, -29.7227, 4.2932



75.5593, -63.1031, 45.4537



42.9172, -15.0639, 2.0200

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6059, -49.8434, 10.5988



87.2325, -56.0784, 12.0242



54.6708, -9.5708, -47.6706



40.3595, -5.6651, 1.9692



58.4057, -37.4171, 7.7706



15.9141, -9.9466, 1.5807

Inverse Universe

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



41.2212, 70.9936, 23.4870



46.3269, 79.7719, 26.5585



46.4440, 53.2699, 29.5498



37.9615, 1.6728, 2.3911



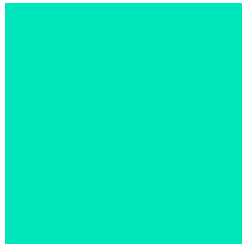
31.0352, 53.4953, 17.3670



8.5101, 14.8137, 3.6397

Previews

White Background



This preview shows how the HunterLab color 77.6044, -49.8430, 10.5980 looks on a white background.

Color Contrast Check

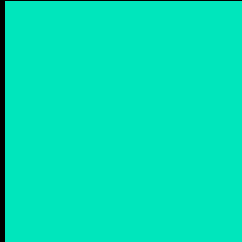
Large Text (above 18pt) WCAG AA × Fail

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 77.6044, -49.8430, 10.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

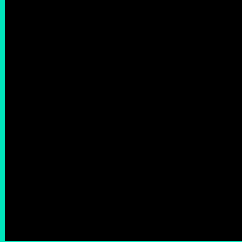
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

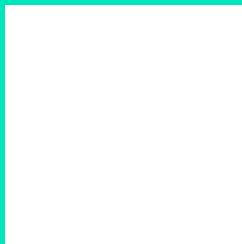
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6044, -49.8430, 10.5980 Background



This preview shows how black text looks on a background with the HunterLab color 77.6044, -49.8430, 10.5980.



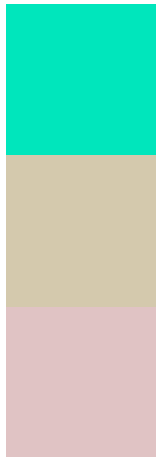
This preview shows how white text looks on a background with the HunterLab color 77.6044,

-49.8430, 10.5980.

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

77.6044, -49.8430, 10.5980

Protanopia

76.6730, -4.7817, 16.5899

Deuteranopia

76.7222, 5.8409, 7.0197



Tritanopia

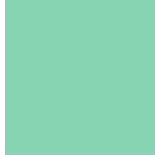
77.6886, -33.3685, -16.2236

Trichromacy



Original Color

77.6044, -49.8430, 10.5980



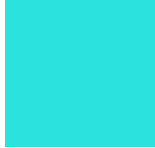
Protanomaly

74.4662, -30.6677, 11.8133



Deuteranomaly

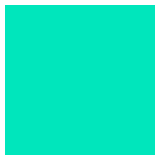
74.0281, -24.6379, 4.7768



Tritanomaly

77.5759, -40.5495, -5.7255

Monochromacy



Original Color

77.6044, -49.8430, 10.5980



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

62.7270, -26.8298, 3.1665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6044, -49.8430, 10.5980 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, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 188)  
}
```

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, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6044, -49.8430, 10.5980 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, 230, 188) }
```


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

```
.border{ border-color:rgb(0, 230, 188) }
```

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

Here you see how a box with a 4 pixel rgb(0, 230, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6044, -49.8430, 10.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 188) }
```

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

```
.background{ background-color: rgb(0, 230,  
188) }
```

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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