

Converting Colors

HunterLab(76.7264, -53.9108,
20.4765)

Have a look what the booklet for
HunterLab(76.7264, -53.9108,
20.4765) contains.

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Color

**HunterLab(76.8971,
-54.1562, 20.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	00E6A0
RGB	0, 230, 160
RGB Percent	0%, 90%, 63%
CMY	0.9999, 0.0980, 0.3725
CMYK	1.00, 0.00, 0.30, 0.10
HSL	162°, 100%, 45%
HSV	162°, 100%, 90%
XYZ	34.6419, 59.1316, 42.8454
YIQ	153.2500, -114.6100, -70.5300

Conversions

Conversions Part 2

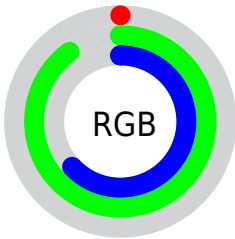
Format	Color
RYB	0, 136, 230
Decimal	59040
CIELab	81.37, -62.52, 21.31
CIELCh	81, 66.049, 161.177
Yxy	59.1340, 0.2536, 0.4328
Android (android.graphics.Color)	4278249120 (0xFF00E6A0)
YUV	153.2500, 3.3277, -134.4002
Hunter-Lab	76.8971, -54.1562, 20.7929

Details

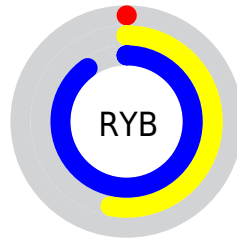
The HunterLab color **76.8971, -54.1562, 20.7929** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **41.5532, 72.2227, 18.5954**, and the grayscale version is **56.5656, -3.0182, 3.0733**.

A 20% lighter version of the original color is **89.2623, -47.5590, 11.4675**, and **55.6506, -40.7747, 18.4626** is the 20% darker color. If you saturate the color by 10%, you get **76.8983, -54.1583, 20.7959**, and if you desaturate by 10%, it is **77.1805, -52.6689, 18.5503**.

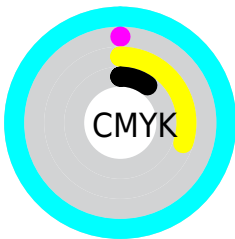
Distribution



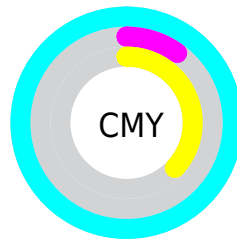
- Red (0%)
- Green (90%)
- Blue (63%)



- Red (0%)
- Yellow (53%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.8971, -54.1562, 20.7929 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 76.8971, -54.1562, 20.7929 by changing the saturation by 10% instead.


 76.8971, -54.1562,
20.7929


 76.8971, -54.1562,
20.7929


205.2799,
-85.7440, 35.7088

 65.3613, -50.0580,
19.0526


 101.7705,
-61.8630, 24.1878

 54.4667, -45.7462,
17.2686


 115.0507,
-65.5229, 25.8556

 44.2554, -41.1681,
15.4261


 128.8629,
-69.0797, 27.5108

 34.7765, -36.2485,
13.5027

 143.1876,
-72.5479, 29.1573

 26.0917, -30.8775,
11.4651

 158.0069,
-75.9394, 30.7981

 18.2816, -24.9434,
9.2602

173.3048,

 11.4580, -20.0516,

-79.2640, 32.4356

8.0206

189.0669,
-82.5299, 34.0720

■ 3.8876, -6.8033,
2.7213

0.0000, NaN, NaN

■ 76.8971, -54.1562,
20.7929

■ 76.8971, -54.1562,
20.7929

■ 76.8983, -54.1583,
20.7959

■ 77.1805, -52.6689,
18.5503

■ 77.6101, -50.5673,
16.3444

■ 78.2293, -47.6963,
14.2352

■ 79.0591, -43.9957,
12.2631

■ 80.1141, -39.4405,
10.4630

■ 81.4038, -34.0350,
8.8637

■ 82.9334, -27.8079,
7.4878

■ 84.7041, -20.8067,
6.3517

■ 86.7141, -13.0931,
5.4653

Harmonies

Analogous

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



76.8986, -40.6050, 36.5184



76.8971, -54.1562, 20.7929



76.8986, -55.6869, -8.0602

Triad

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



76.8986, -54.1568, 20.7936



76.8986, 8.2003, -78.3424



76.8986, 47.9654, 33.6340

Complementary

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



76.8971, -54.1562, 20.7929



41.5532, 72.2227, 18.5954

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.



76.8986, 66.1325, 14.6995



76.8971, -54.1562, 20.7929



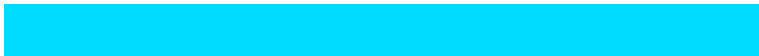
76.8986, 40.7948, -54.2693

Square

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



76.8986, -54.1568, 20.7936



76.8986, -22.9898, -74.4950



76.8986, 63.3123, -17.2222



76.8986, 16.7938, 41.5576

Rectangle

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



76.8971, -54.1562, 20.7929



76.8986, -50.0311, -32.7459



76.8986, 63.3123, -17.2222



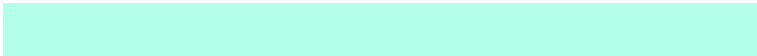
76.8986, 56.0092, 28.7608

Sweetspot

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



76.8986, -54.1568, 20.7936



93.1956, -31.3944, 8.4430



76.1619, -60.5484, 45.8701



42.7649, -15.9454, 4.1957

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8986, -54.1568, 20.7936



86.4347, -60.9438, 23.5243



64.5074, -23.6952, -29.4762



40.3209, -5.8798, 2.5192



57.8789, -40.6289, 15.3627



15.7856, -10.7273, 3.4266

Inverse Universe

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



41.5532, 72.2227, 18.5954



46.6954, 81.1335, 21.1331



43.0034, 63.6687, 27.6121



37.9998, 1.8787, 1.8448



31.2949, 54.4545, 13.5472



8.6012, 15.1484, 2.3134

Previews

White Background



This preview shows how the HunterLab color 76.8971, -54.1562, 20.7929 looks on a white background.

Color Contrast Check

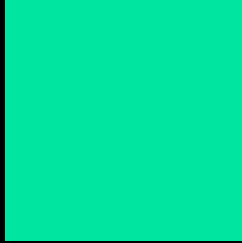
Large Text (above 18pt) WCAG AA × Fail

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 76.8971, -54.1562, 20.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

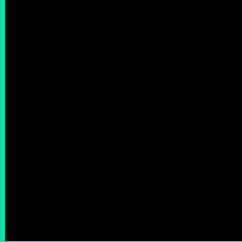
Any Text WCAG AA ✓ Pass

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 76.8971, -54.1562, 20.7929 Background



This preview shows how black text looks on a background with the HunterLab color 76.8971, -54.1562, 20.7929.



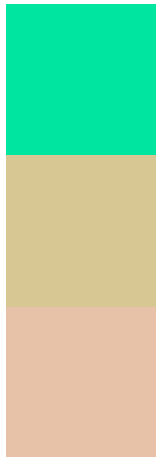
This preview shows how white text looks on a background with the HunterLab color 76.8971,

-54.1562, 20.7929.

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

76.8971, -54.1562, 20.7929

Protanopia

76.0672, -6.5296, 25.2424

Deuteranopia

76.1288, 5.3301, 18.1519



Tritanopia

76.7979, -31.7381, -15.6815

Trichromacy



Original Color

76.8971, -54.1562, 20.7929



Protanomaly

73.6029, -33.5484, 20.8373



Deuteranomaly

72.8439, -27.2646, 15.4349



Tritanomaly

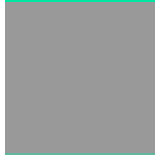
76.5784, -41.6978, -0.7502

Monochromacy



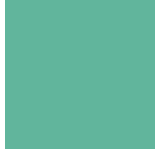
Original Color

76.8971, -54.1562, 20.7929



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

61.6356, -28.3528, 7.2276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8971, -54.1562, 20.7929 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8971, -54.1562, 20.7929 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, 160) }
```


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

```
.border{ border-color:rgb(0, 230, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8971, -54.1562, 20.7929 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, 160) }
```

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

```
.background{ background-color: rgb(0, 230,  
160) }
```

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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