

Converting Colors

HunterLab(78.5599, -56.9136,
24.6672)

Have a look what the booklet for
HunterLab(78.5599, -56.9136,
24.6672) contains.

HunterLab(78.5599, -56.9136, 24.6672)	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(78.5599,
-56.9136, 24.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB99
RGB	0, 235, 153
RGB Percent	0%, 92%, 60%
CMY	0.9999, 0.0784, 0.4000
CMYK	1.00, 0.00, 0.35, 0.08
HSL	159°, 100%, 46%
HSV	159°, 100%, 92%
XYZ	35.4581, 61.7166, 40.1806
YIQ	155.3870, -113.7380, -75.3220

Conversions

Conversions Part 2

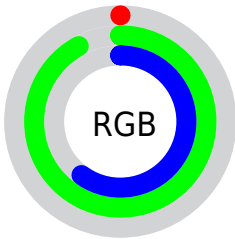
Format	Color
RYB	0, 142, 235
Decimal	60313
CIELab	82.76, -65.76, 26.83
CIELCh	83, 71.022, 157.808
Yxy	61.7190, 0.2582, 0.4493
Android (android.graphics.Color)	4278250393 (0xFF00EB99)
YUV	155.3870, -1.1768, -136.2744
Hunter-Lab	78.5599, -56.9136, 24.6672

Details

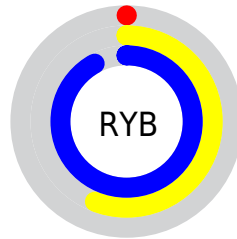
The HunterLab color **78.5599, -56.9136, 24.6672** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **42.7470, 74.6281, 16.5672**, and the grayscale version is **57.4514, -3.0655, 3.1214**.

A 20% lighter version of the original color is **89.1005, -48.5951, 14.3435**, and **57.2541, -43.2368, 21.7731** is the 20% darker color. If you saturate the color by 10%, you get **78.5612, -56.9159, 24.6706**, and if you desaturate by 10%, it is **78.8592, -55.3260, 22.2024**.

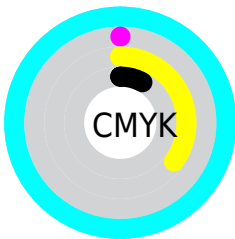
Distribution



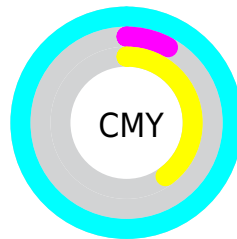
- Red (0%)
- Green (92%)
- Blue (60%)



- Red (0%)
- Yellow (56%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.5599, -56.9136, 24.6672 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 78.5599, -56.9136, 24.6672 by changing the saturation by 10% instead.

■ 78.5599, -56.9136,
24.6672

■ 78.5599, -56.9136,
24.6672

207.5826,
-89.7655, 41.7801

■ 66.9371, -52.6451,
22.6166

■ 103.5951,
-64.9391, 28.6303

■ 55.9504, -48.1546,
20.5008

■ 116.9509,
-68.7486, 30.5607

■ 45.6407, -43.3887,
18.3005

■ 130.8360,
-72.4495, 32.4666

■ 36.0560, -38.2720,
15.9882

■ 145.2308,
-76.0566, 34.3533

■ 27.2558, -32.6954,
13.5237

■ 160.1180,
-79.5824, 36.2248

■ 19.3176, -26.5066,
10.8567

175.4817,

■ 12.3476, -21.6083,

-83.0370, 38.0846

8.6433

191.3076,
-86.4289, 39.9356

■ 5.5314, -9.6800,
3.8720

0.0000, NaN, NaN

■ 78.5599, -56.9136,
24.6672

■ 78.5599, -56.9136,
24.6672

■ 78.5612, -56.9159,
24.6706

■ 78.8592, -55.3260,
22.2024

■ 79.3118, -53.0869,
19.7328

■ 79.9620, -50.0388,
17.3193

■ 80.8313, -46.1206,
15.0050

■ 81.9347, -41.3084,
12.8282

■ 83.2816, -35.6093,
10.8219

■ 84.8772, -29.0557,
9.0132

■ 86.7226, -21.6995,
7.4231

■ 88.8155, -13.6070,
6.0663

Harmonies

Analogous

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



78.5615, -41.0509, 39.7069



78.5599, -56.9136, 24.6672



78.5615, -59.9655, -4.8429

Triad

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



78.5615, -56.9143, 24.6678



78.5615, 5.0740, -88.1529



78.5615, 55.7619, 34.0795

Complementary

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



78.5599, -56.9136, 24.6672



42.7470, 74.6281, 16.5672

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.



78.5615, 73.4217, 12.4184



78.5599, -56.9136, 24.6672



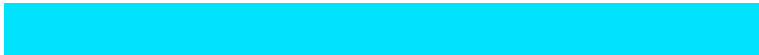
78.5615, 41.0237, -64.1974

Square

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



78.5615, -56.9143, 24.6678



78.5615, -27.8387, -80.0957



78.5615, 67.6057, -23.6673



78.5615, 22.6221, 43.2642

Rectangle

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



78.5599, -56.9136, 24.6672



78.5615, -54.9232, -31.4624



78.5615, 67.6057, -23.6673



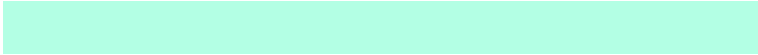
78.5615, 63.9458, 28.4943

Sweetspot

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



78.5615, -56.9143, 24.6678



93.0927, -31.9877, 9.9155



78.2463, -61.1643, 47.1436



42.7113, -16.2566, 4.9638

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

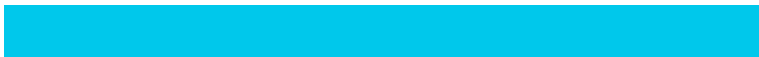
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5615, -56.9143, 24.6678



86.1821, -62.4948, 27.1882



68.6985, -27.7369, -25.9896



41.2643, -6.1083, 2.7849



58.6284, -42.3283, 18.0943



16.4838, -11.5245, 4.2746

Inverse Universe

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



42.7470, 74.6281, 16.5672



46.8840, 81.8282, 18.3732



43.4524, 67.2084, 27.9507



38.9113, 2.0117, 1.6805



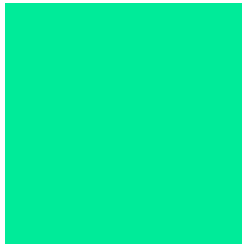
31.9229, 55.7995, 11.8638



9.0434, 15.9953, 1.9044

Previews

White Background



This preview shows how the HunterLab color 78.5599, -56.9136, 24.6672 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 78.5599, -56.9136, 24.6672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

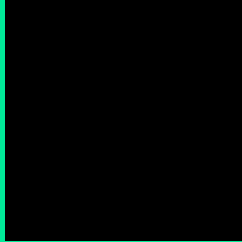
Any Text WCAG AA ✓ Pass

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 78.5599, -56.9136, 24.6672 Background



This preview shows how black text looks on a background with the HunterLab color 78.5599, -56.9136, 24.6672.



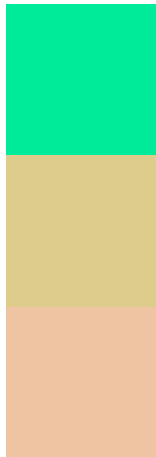
This preview shows how white text looks on a background with the HunterLab color 78.5599, -56.9136, 24.6672.

-56.9136, 24.6672.

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

78.5599, -56.9136, 24.6672

Protanopia

77.7505, -7.1646, 28.8640

Deuteranopia

77.6309, 5.6045, 21.8274



Tritanopia

78.4321, -32.1974, -15.7365

Trichromacy



Original Color

78.5599, -56.9136, 24.6672



Protanomaly

75.0386, -35.2251, 24.4558



Deuteranomaly

74.2803, -28.9009, 19.0838



Tritanomaly

78.0192, -43.2048, 0.9830

Monochromacy



Original Color

78.5599, -56.9136, 24.6672



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

62.6632, -29.5623, 9.1690

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.5599, -56.9136, 24.6672 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, 235, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 153)  
}
```

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, 235, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 78.5599, -56.9136, 24.6672 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, 235, 153) }
```


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

```
.border{ border-color:rgb(0, 235, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.5599, -56.9136, 24.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 153) }
```

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

```
.background{ background-color: rgb(0, 235,  
153) }
```

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