

Converting Colors

HunterLab(71.2962, -75.5997,
22.6085)

Have a look what the booklet for
HunterLab(71.2962, -75.5997,
22.6085) contains.

HunterLab(75.7112, -56.2699, 26.8381)	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(75.7112,
-56.2699, 26.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	00E48A
RGB	0, 228, 138
RGB Percent	0%, 89%, 54%
CMY	0.9999, 0.1059, 0.4588
CMYK	1.00, 0.00, 0.39, 0.11
HSL	156°, 100%, 45%
HSV	156°, 100%, 89%
XYZ	32.3309, 57.3219, 33.4050
YIQ	149.5680, -106.9980, -76.3260

Conversions

Conversions Part 2

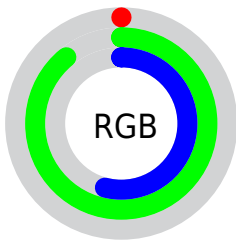
Format	Color
RYB	0, 142, 228
Decimal	58506
CIELab	80.36, -66.32, 31.25
CIELCh	80, 73.310, 154.770
Yxy	57.3241, 0.2627, 0.4658
Android (android.graphics.Color)	4278248586 (0xFF00E48A)
YUV	149.5680, -5.7030, -131.1711
Hunter-Lab	75.7112, -56.2699, 26.8381

Details

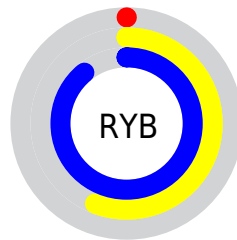
The HunterLab color **75.7112, -56.2699, 26.8381** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **41.5133, 72.8693, 13.0348**, and the grayscale version is **55.1078, -2.9404, 2.9941**.

A 20% lighter version of the original color is **88.6081, -51.4010, 20.3312**, and **54.6021, -42.3223, 23.1137** is the 20% darker color. If you saturate the color by 10%, you get **75.7125, -56.2718, 26.8406**, and if you desaturate by 10%, it is **76.0103, -54.6756, 24.3472**.

Distribution



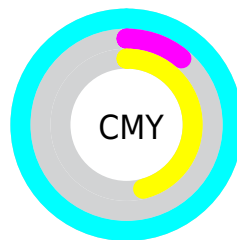
- Red (0%)
- Green (89%)
- Blue (54%)



- Red (0%)
- Yellow (56%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.7112, -56.2699, 26.8381 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 75.7112, -56.2699, 26.8381 by changing the saturation by 10% instead.


 75.7112, -56.2699,
26.8381


 75.7112, -56.2699,
26.8381


203.6327,
-89.5716, 45.8293


 64.2383, -51.9180,
24.5098


 100.4679,
-64.4322, 31.3000


 53.4103, -47.3300,
22.0923


 113.6935,
-68.2992, 33.4575


 43.2701, -42.4477,
19.5608


 127.4533,
-72.0519, 35.5782

 33.8678, -37.1881,
16.8803

 141.7273,
-75.7064, 37.6690

 25.2668, -31.4308,
14.0013

 156.4977,
-79.2757, 39.7354

 17.5500, -25.3868,
11.3739

171.7483,

 10.8335, -18.9587,

-82.7705, 41.7819

7.5835

187.4645,
-86.2000, 43.8121

■ 2.0007, -3.5012,
1.4005

0.0000, NaN, NaN

■ 75.7112, -56.2699,
26.8381

■ 75.7112, -56.2699,
26.8381

■ 75.7125, -56.2718,
26.8406

■ 76.0103, -54.6756,
24.3472

■ 76.4601, -52.4338,
21.8055

■ 77.1037, -49.3905,
19.2713

■ 77.9619, -45.4885,
16.7873

■ 79.0487, -40.7072,
14.3921

■ 80.3731, -35.0562,
12.1207

■ 81.9396, -28.5698,
10.0029

■ 83.7491, -21.3012,
8.0629

■ 85.7990, -13.3172,
6.3193

Harmonies

Analogous

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



75.7127, -39.0590, 40.3334



75.7112, -56.2699, 26.8381



75.7127, -60.6015, -1.4588

Triad

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



75.7127, -56.2706, 26.8386



75.7127, 1.6953, -92.8644



75.7127, 60.3199, 32.5133

Complementary

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



75.7112, -56.2699, 26.8381



41.5133, 72.8693, 13.0348

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.



75.7127, 76.3574, 9.3064



75.7112, -56.2699, 26.8381



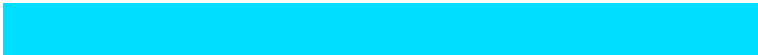
75.7127, 38.7796, -70.6203

Square

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



75.7127, -56.2706, 26.8386



75.7127, -30.9096, -80.8790



75.7127, 67.8301, -28.9707



75.7127, 27.1842, 42.3967

Rectangle

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



75.7112, -56.2699, 26.8381



75.7127, -56.4335, -28.3076



75.7127, 67.8301, -28.9707



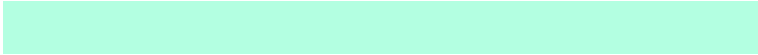
75.7127, 68.1408, 26.5269

Sweetspot

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



75.7127, -56.2706, 26.8386



92.9890, -32.5862, 11.4009



75.9763, -57.5893, 45.8076



42.6574, -16.5697, 5.7365

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7127, -56.2706, 26.8386



85.9443, -63.9596, 30.6474



70.2586, -31.7831, -19.2057



40.2926, -6.0373, 2.9228



57.5531, -42.6312, 20.0923



15.7031, -11.2323, 4.6197

Inverse Universe

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



41.5133, 72.8693, 13.0348



47.1095, 82.6570, 15.0883



41.3524, 67.0539, 26.6543



38.0286, 2.0336, 1.4341



31.5790, 55.4990, 9.4061



8.6879, 15.4650, 1.0651

Previews

White Background



This preview shows how the HunterLab color 75.7112, -56.2699, 26.8381 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 75.7112, -56.2699, 26.8381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

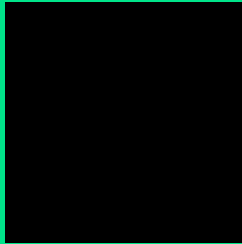
Any Text WCAG AA ✓ Pass

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 75.7112, -56.2699, 26.8381 Background



This preview shows how black text looks on a background with the HunterLab color 75.7112, -56.2699, 26.8381.



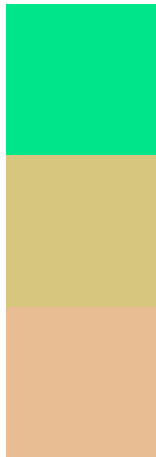
This preview shows how white text looks on a background with the HunterLab color 75.7112, -56.2699, 26.8381.

-56.2699, 26.8381.

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

75.7112, -56.2699, 26.8381

Protanopia

75.0610, -7.7348, 30.5255

Deuteranopia

74.7164, 5.5844, 24.2331



Tritanopia

75.7364, -30.8549, -14.8100

Trichromacy



Original Color

75.7112, -56.2699, 26.8381



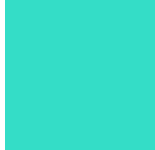
Protanomaly

72.4783, -35.3529, 26.7656



Deuteranomaly

71.4293, -28.5339, 21.6135



Tritanomaly

75.2107, -42.4255, 3.0067

Monochromacy



Original Color

75.7112, -56.2699, 26.8381



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

60.2901, -29.0392, 9.8991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7112, -56.2699, 26.8381 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, 228, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 228, 138)  
}
```

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, 228, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 228, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7112, -56.2699, 26.8381 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, 228, 138) }
```


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

```
.border{ border-color:rgb(0, 228, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 228, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 228, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 228, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 228,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.7112, -56.2699, 26.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 228, 138) }
```

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

```
.background{ background-color: rgb(0, 228,  
138) }
```

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