

Converting Colors

HunterLab(73.2621, -54.9646,
27.0816)

Have a look what the booklet for
HunterLab(73.2621, -54.9646,
27.0816) contains.

HunterLab(73.3855, -55.0875, 27.1927)	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(73.3855,
-55.0875, 27.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE82
RGB	0, 222, 130
RGB Percent	0%, 87%, 51%
CMY	0.9999, 0.1294, 0.4902
CMYK	1.00, 0.00, 0.41, 0.13
HSL	155°, 100%, 44%
HSV	155°, 100%, 87%
XYZ	30.1506, 53.8543, 29.9250
YIQ	145.1340, -102.7800, -75.6760

Conversions

Conversions Part 2

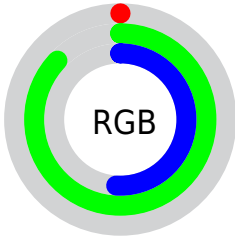
Format	Color
RYB	0, 140, 222
Decimal	56962
CIELab	78.38, -65.80, 32.69
CIELCh	78, 73.467, 153.583
Yxy	53.8565, 0.2646, 0.4727
Android (android.graphics.Color)	4278247042 (0xFF00DE82)
YUV	145.1340, -7.4611, -127.2825
Hunter-Lab	73.3855, -55.0875, 27.1927

Details

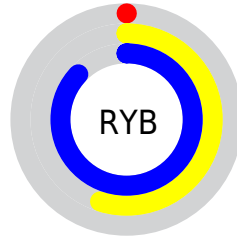
The HunterLab color **73.3855, -55.0875, 27.1927** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **40.3778, 71.0601, 11.2502**, and the grayscale version is **53.3275, -2.8454, 2.8974**.

A 20% lighter version of the original color is **88.3430, -52.8551, 23.0770**, and **52.4164, -41.1022, 23.2120** is the 20% darker color. If you saturate the color by 10%, you get **73.3867, -55.0894, 27.1952**, and if you desaturate by 10%, it is **73.6802, -53.5162, 24.7461**.

Distribution



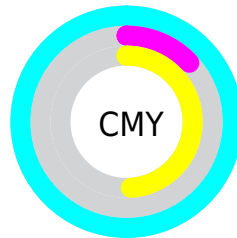
- Red (0%)
- Green (87%)
- Blue (51%)



- Red (0%)
- Yellow (55%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.3855, -55.0875, 27.1927 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 73.3855, -55.0875, 27.1927 by changing the saturation by 10% instead.


 73.3855, -55.0875,
27.1927


 73.3855, -55.0875,
27.1927


200.3902,
-88.3452, 46.8493


 62.0378, -50.7254,
24.7605


 97.9099, -63.2552,
31.8371


 51.3428, -46.1196,
22.2281


 111.0269,
-67.1198, 34.0760

 41.3446, -41.2083,
19.5678


 124.6824,
-70.8679, 36.2730

 32.0957, -35.9031,
16.7407

 138.8559,
-74.5161, 38.4357

 23.6627, -30.0747,
13.6928

 153.5292,
-78.0777, 40.5701

 16.1337, -24.6093,
11.2936

168.6858,

 9.6341, -16.8596,

-81.5639, 42.6812

6.7438

184.3107,
-84.9838, 44.7731

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.3855, -55.0875,
27.1927

■ 73.3855, -55.0875,
27.1927

■ 73.3867, -55.0894,
27.1952

■ 73.6802, -53.5162,
24.7461

■ 74.1218, -51.3105,
22.2299

■ 74.7526, -48.3191,
19.7007

■ 75.5926, -44.4875,
17.1998

■ 76.6553, -39.7971,

14.7656

■ 77.9492, -34.2583,
12.4327

■ 79.4785, -27.9057,
10.2315

■ 81.2440, -20.7921,
8.1872

■ 83.2430, -12.9834,
6.3195

Harmonies

Analogous

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



73.3870, -37.6296, 39.8670



73.3855, -55.0875, 27.1927



73.3870, -59.8387, -0.1297

Triad

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



73.3870, -55.0882, 27.1932



73.3870, 0.3436, -93.2431



73.3870, 61.1566, 31.3631

Complementary

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



73.3855, -55.0875, 27.1927



40.3778, 71.0601, 11.2502

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.



73.3870, 76.2690, 7.8927



73.3855, -55.0875, 27.1927



73.3870, 37.2450, -72.0927

Square

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



73.3870, -55.0882, 27.1932



73.3870, -31.5845, -79.8436



73.3870, 66.7909, -30.6732



73.3870, 28.5679, 41.3583

Rectangle

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



73.3855, -55.0875, 27.1927



73.3870, -56.0746, -26.5945



73.3870, 66.7909, -30.6732



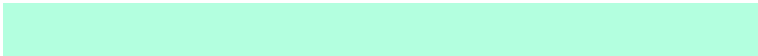
73.3870, 68.7002, 25.3093

Sweetspot

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



73.3870, -55.0882, 27.1932



92.9451, -32.8401, 12.0310



73.8555, -55.3211, 44.5405



42.6346, -16.7023, 6.0635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

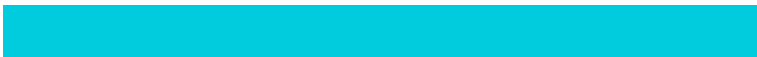
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3870, -55.0882, 27.1932



85.8487, -64.5497, 32.0408



69.4443, -32.4347, -16.7811



39.3335, -5.9183, 2.9368



56.5782, -42.3332, 20.6674



14.9550, -10.7800, 4.5784

Inverse Universe

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



40.3778, 71.0601, 11.2502



47.2166, 83.0498, 13.5342



39.9748, 65.5677, 25.7793



37.1407, 2.0081, 1.3142



31.1517, 54.8891, 8.1853



8.3076, 14.8384, 0.6289

Previews

White Background



This preview shows how the HunterLab color 73.3855, -55.0875, 27.1927 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 73.3855, -55.0875, 27.1927 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 73.3855, -55.0875, 27.1927 Background



This preview shows how black text looks on a background with the HunterLab color 73.3855, -55.0875, 27.1927.



This preview shows how white text looks on a background with the HunterLab color 73.3855,

-55.0875, 27.1927.

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

73.3855, -55.0875, 27.1927

Protanopia

72.6009, -7.3204, 30.6111

Deuteranopia

72.5528, 5.3848, 24.8400



Tritanopia

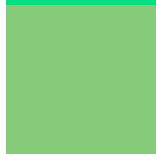
73.4434, -29.6282, -14.5172

Trichromacy



Original Color

73.3855, -55.0875, 27.1927



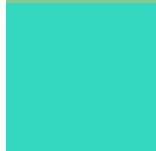
Protanomaly

70.1323, -34.4126, 27.0469



Deuteranomaly

69.4158, -28.0948, 22.3870



Tritanomaly

72.8949, -41.2948, 3.6329

Monochromacy



Original Color

73.3855, -55.0875, 27.1927



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

58.3574, -28.4380, 10.2543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.3855, -55.0875, 27.1927 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, 222, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 130)  
}
```

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, 222, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 73.3855, -55.0875, 27.1927 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, 222, 130) }
```


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

```
.border{ border-color:rgb(0, 222, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 222,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.3855, -55.0875, 27.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 130) }
```

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

```
.background{ background-color: rgb(0, 222,  
130) }
```

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