

Converting Colors

HunterLab(53.4262, -50.3420,
17.4769)

Have a look what the booklet for
HunterLab(53.4262, -50.3420,
17.4769) contains.

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Color

**HunterLab(55.5757,
-41.2359, 19.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD68
RGB	0, 173, 104
RGB Percent	0%, 68%, 41%
CMY	1.0000, 0.3216, 0.5921
CMYK	1.00, 0.00, 0.40, 0.32
HSL	156°, 100%, 34%
HSV	156°, 100%, 68%
XYZ	17.4422, 30.8866, 18.1391
YIQ	113.4070, -80.9590, -58.1350

Conversions

Conversions Part 2

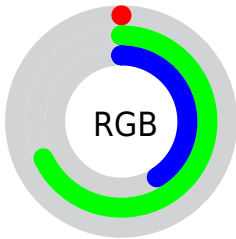
Format	Color
RYB	0, 108, 173
Decimal	44392
CIELab	62.41, -53.85, 25.15
CIELCh	62, 59.429, 154.969
Yxy	30.8878, 0.2624, 0.4647
Android (android.graphics.Color)	4278234472 (0xFF00AD68)
YUV	113.4070, -4.6377, -99.4579
Hunter-Lab	55.5757, -41.2359, 19.5516

Details

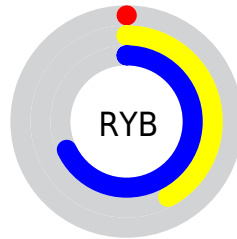
The HunterLab color **55.5757, -41.2359, 19.5516** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.5198, 53.6726, 8.8048**, and the grayscale version is **40.8341, -2.1788, 2.2186**.

A 20% lighter version of the original color is **78.2747, -48.7025, 23.5558**, and **36.7140, -28.7059, 16.0784** is the 20% darker color. If you saturate the color by 10%, you get **55.5767, -41.2371, 19.5529**, and if you desaturate by 10%, it is **55.8174, -39.9747, 17.7500**.

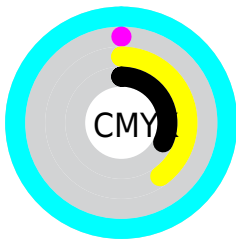
Distribution



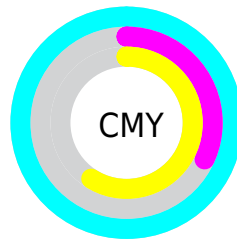
- Red (0%)
- Green (68%)
- Blue (41%)



- Red (0%)
- Yellow (42%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5757, -41.2359, 19.5516 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 55.5757, -41.2359, 19.5516 by changing the saturation by 10% instead.

■ 55.5757, -41.2359,
19.5516

■ 55.5757, -41.2359,
19.5516

174.9346,
-70.6117, 36.3938

■ 45.2918, -37.2952,
17.4617

■ 78.1431, -48.5238,
23.5217

■ 35.7335, -33.0798,
15.2688

■ 90.3512, -51.9450,
25.4330

■ 26.9621, -28.4997,
12.9351

■ 103.1362,
-55.2524, 27.3096

■ 19.0558, -23.4143,
10.4030

■ 116.4731,
-58.4644, 29.1595

■ 12.1223, -21.2140,
8.4856

■ 130.3399,
-61.5956, 30.9885

■ 5.1683, -9.0445,
3.6178

■ 144.7172,

0.0000, NaN, NaN

-64.6578, 32.8014

0.0000, NaN, NaN

159.5874,
-67.6606, 34.6021

0.0000, NaN, NaN

■ 55.5757, -41.2359,
19.5516

■ 55.5757, -41.2359,
19.5516

■ 55.5767, -41.2371,
19.5529

■ 55.8174, -39.9747,
17.7500

■ 56.1624, -38.2705,
15.9077

■ 56.6472, -35.9898,
14.0723

■ 57.2855, -33.0970,
12.2728

■ 58.0867, -29.5804,
10.5362

■ 59.0566, -25.4489,
8.8864

■ 60.1982, -20.7276,
7.3442

■ 61.5118, -15.4545,
5.9264

■ 62.9957, -9.6765,
4.6459

Harmonies

Analogous

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



55.5768, -28.6986, 29.5081



55.5757, -41.2359, 19.5516



55.5768, -44.3465, -1.2308

Triad

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



55.5768, -41.2364, 19.5520



55.5768, 1.4054, -67.7674



55.5768, 43.9452, 23.8844

Complementary

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



55.5757, -41.2359, 19.5516



30.5198, 53.6726, 8.8048

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.



55.5768, 55.7696, 6.9691



55.5757, -41.2359, 19.5516



55.5768, 28.5072, -51.3912

Square

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



55.5768, -41.2364, 19.5520



55.5768, -22.4865, -59.1875



55.5768, 49.6594, -20.9485



55.5768, 19.6810, 31.0877

Rectangle

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



55.5757, -41.2359, 19.5516



55.5768, -41.2526, -20.8826



55.5768, 49.6594, -20.9485



55.5768, 49.6902, 19.5209

Sweetspot

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



55.5768, -41.2364, 19.5520



80.4731, -28.0922, 9.9336



55.8221, -42.0075, 33.6616



37.2143, -14.3302, 5.0152



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.5768, -41.2364, 19.5520



74.3457, -55.3659, 26.5934



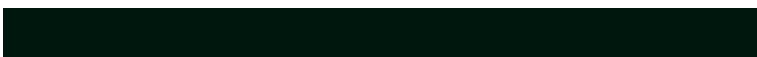
51.6671, -23.4562, -13.9435



30.0286, -4.4069, 2.1713



47.6469, -35.2699, 16.5830



8.0123, -5.4823, 1.8202

Inverse Universe

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



30.5198, 53.6726, 8.8048



40.7935, 71.6490, 12.4923



30.4879, 48.7508, 19.6394



28.4012, 1.4109, 1.0733



26.1785, 46.0781, 7.2528



4.4903, 8.1365, -0.5615

Previews

White Background



This preview shows how the HunterLab color 55.5757, -41.2359, 19.5516 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 55.5757, -41.2359, 19.5516 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 55.5757, -41.2359, 19.5516 Background



This preview shows how black text looks on a background with the HunterLab color 55.5757, -41.2359, 19.5516.



This preview shows how white text looks on a background with the HunterLab color 55.5757, -41.2359, 19.5516.

-41.2359, 19.5516.

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

55.5757, -41.2359, 19.5516

Protanopia

55.1593, -5.6719, 22.2523

Deuteranopia

55.1737, 3.6543, 17.9008



Tritanopia

55.5176, -22.0448, -11.1577

Trichromacy



Original Color

55.5757, -41.2359, 19.5516



Protanomaly

53.1776, -25.4562, 19.4387



Deuteranomaly

52.9491, -21.0637, 16.3719



Tritanomaly

55.0662, -30.6283, 1.8715

Monochromacy



Original Color

55.5757, -41.2359, 19.5516



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

44.5325, -21.2106, 7.4290

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5757, -41.2359, 19.5516 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, 173, 104)` looks like.

```
.text, #text, p{  
  color:rgb(0, 173, 104)  
}
```

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, 173, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5757, -41.2359, 19.5516 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, 173, 104) }
```


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

```
.border{ border-color:rgb(0, 173, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5757, -41.2359, 19.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 104) }
```

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

```
.background{ background-color: rgb(0, 173,  
104) }
```

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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