

Converting Colors

HunterLab(52.3924, -56.0420,
17.9781)

Have a look what the booklet for
HunterLab(52.3924, -56.0420,
17.9781) contains.

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Color

**HunterLab(55.4869,
-41.7840, 20.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD63
RGB	0, 173, 99
RGB Percent	0%, 68%, 39%
CMY	1.0000, 0.3216, 0.6118
CMYK	1.00, 0.00, 0.43, 0.32
HSL	154°, 100%, 34%
HSV	154°, 100%, 68%
XYZ	17.1957, 30.7880, 16.8408
YIQ	112.8370, -79.3540, -59.6900

Conversions

Conversions Part 2

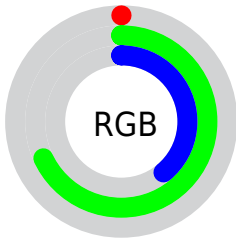
Format	Color
RYB	0, 110, 173
Decimal	44387
CIELab	62.33, -54.83, 27.69
CIELCh	62, 61.428, 153.205
Yxy	30.7892, 0.2653, 0.4749
Android (android.graphics.Color)	4278234467 (0xFF00AD63)
YUV	112.8370, -6.8216, -98.9580
Hunter-Lab	55.4869, -41.7840, 20.8458

Details

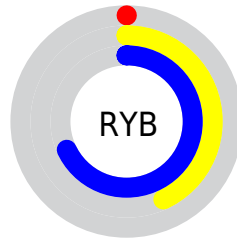
The HunterLab color **55.4869, -41.7840, 20.8458** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.6256, 54.0605, 7.2723**, and the grayscale version is **40.6228, -2.1675, 2.2071**.

A 20% lighter version of the original color is **78.1686, -49.3443, 25.0961**, and **36.6506, -29.0997, 17.0079** is the 20% darker color. If you saturate the color by 10%, you get **55.4879, -41.7851, 20.8471**, and if you desaturate by 10%, it is **55.7309, -40.5067, 19.0084**.

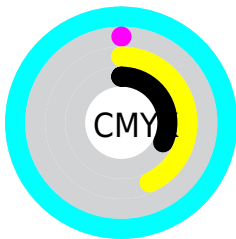
Distribution



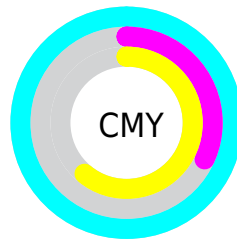
- Red (0%)
- Green (68%)
- Blue (39%)



- Red (0%)
- Yellow (43%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4869, -41.7840, 20.8458 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 55.4869, -41.7840, 20.8458 by changing the saturation by 10% instead.

■ 55.4869, -41.7840,
20.8458

■ 55.4869, -41.7840,
20.8458

174.8045,
-71.6210, 38.8335

■ 45.2088, -37.7730,
18.5829

■ 78.0436, -49.1964,
25.1237

■ 35.6568, -33.4801,
16.2007

■ 90.2468, -52.6735,
27.1739

■ 26.8923, -28.8132,
13.6575

■ 103.0271,
-56.0336, 29.1816

■ 18.9937, -23.6287,
10.9371

■ 116.3594,
-59.2955, 31.1556

■ 12.0689, -21.1205,
8.4482

■ 130.2219,
-62.4743, 33.1028

■ 5.0780, -8.8866,
3.5546

■ 144.5950,

0.0000, NaN, NaN

-65.5818, 35.0287

0.0000, NaN, NaN

159.4611,
-68.6281, 36.9377

0.0000, NaN, NaN

■ 55.4869, -41.7840,
20.8458

■ 55.4869, -41.7840,
20.8458

■ 55.4879, -41.7851,
20.8471

■ 55.7309, -40.5067,
19.0084

■ 56.0796, -38.7764,
17.1083

■ 56.5698, -36.4593,
15.1921

■ 57.2150, -33.5202,
13.2895

■ 58.0247, -29.9483,
11.4281

■ 59.0046, -25.7536,
9.6334

■ 60.1575, -20.9626,
7.9275

■ 61.4836, -15.6146,
6.3293

■ 62.9810, -9.7579,
4.8538

Harmonies

Analogous

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



55.4880, -28.3926, 30.3285



55.4869, -41.7840, 20.8458



55.4880, -45.5120, 0.2176

Triad

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



55.4880, -41.7845, 20.8462



55.4880, -0.0617, -71.3023



55.4880, 46.9075, 23.6746

Complementary

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



55.4869, -41.7840, 20.8458



30.6256, 54.0605, 7.2723

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.



55.4880, 58.2239, 5.6841



55.4869, -41.7840, 20.8458



55.4880, 28.0728, -55.4187

Square

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



55.4880, -41.7845, 20.8462



55.4880, -24.2797, -60.7237



55.4880, 50.7551, -23.8421



55.4880, 22.1522, 31.3345

Rectangle

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



55.4869, -41.7840, 20.8458



55.4880, -42.7336, -19.8973



55.4880, 50.7551, -23.8421



55.4880, 52.6011, 19.0346

Sweetspot

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



55.4880, -41.7845, 20.8462



80.4178, -28.4115, 10.7263



56.0206, -41.1801, 33.7984



37.1856, -14.4972, 5.4274



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.



55.4880, -41.7845, 20.8462



74.2266, -56.1015, 28.3302



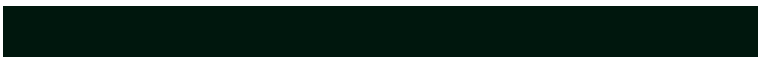
53.5459, -25.7988, -11.2349



30.0221, -4.4429, 2.2636



47.5710, -35.7386, 17.6899



8.0013, -5.5493, 1.9783

Inverse Universe

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



30.6256, 54.0605, 7.2723



40.9336, 72.1628, 10.4609



30.2267, 49.6219, 19.4938



28.4079, 1.4468, 0.9782



26.2699, 46.4125, 5.9319



4.5065, 8.1949, -0.7887

Previews

White Background



This preview shows how the HunterLab color 55.4869, -41.7840, 20.8458 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 55.4869, -41.7840, 20.8458 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 55.4869, -41.7840, 20.8458 Background



This preview shows how black text looks on a background with the HunterLab color 55.4869, -41.7840, 20.8458.



This preview shows how white text looks on a background with the HunterLab color 55.4869,

-41.7840, 20.8458.

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

55.4869, -41.7840, 20.8458

Protanopia

55.1755, -5.7741, 23.5036

Deuteranopia

54.9095, 3.9814, 19.1812



Tritanopia

55.5115, -22.1403, -10.6079

Trichromacy



Original Color

55.4869, -41.7840, 20.8458



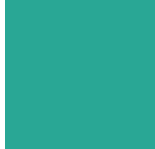
Protanomaly

53.0915, -25.9651, 20.6952



Deuteranomaly

52.5368, -21.2220, 17.5200



Tritanomaly

55.0262, -30.9050, 2.7288

Monochromacy



Original Color

55.4869, -41.7840, 20.8458



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

44.4841, -21.4964, 8.1252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4869, -41.7840, 20.8458 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4869, -41.7840, 20.8458 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, 99) }
```


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

```
.border{ border-color:rgb(0, 173, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 55.4869, -41.7840, 20.8458 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, 99) }
```

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

```
.background{ background-color: rgb(0, 173,  
99) }
```

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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