

Converting Colors

HunterLab(55.7508, -41.1422,
19.1307)

Have a look what the booklet for
HunterLab(55.7508, -41.1422,
19.1307) contains.

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Color

**HunterLab(55.6127,
-41.0078, 19.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD6A
RGB	0, 173, 106
RGB Percent	0%, 68%, 42%
CMY	1.0000, 0.3216, 0.5843
CMYK	1.00, 0.00, 0.39, 0.32
HSL	157°, 100%, 34%
HSV	157°, 100%, 68%
XYZ	17.5451, 30.9277, 18.6806
YIQ	113.6350, -81.6010, -57.5130

Conversions

Conversions Part 2

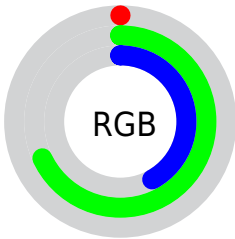
Format	Color
RYB	0, 107, 173
Decimal	44394
CIELab	62.45, -53.44, 24.12
CIELCh	62, 58.631, 155.707
Yxy	30.9290, 0.2613, 0.4606
Android (android.graphics.Color)	4278234474 (0xFF00AD6A)
YUV	113.6350, -3.7641, -99.6579
Hunter-Lab	55.6127, -41.0078, 19.0131

Details

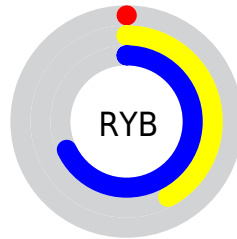
The HunterLab color **55.6127, -41.0078, 19.0131** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.4799, 53.5255, 9.3851**, and the grayscale version is **40.9190, -2.1833, 2.2232**.

A 20% lighter version of the original color is **78.3183, -48.4387, 22.9229**, and **36.7412, -28.5372, 15.6804** is the 20% darker color. If you saturate the color by 10%, you get **55.6137, -41.0091, 19.0147**, and if you desaturate by 10%, it is **55.8533, -39.7547, 17.2296**.

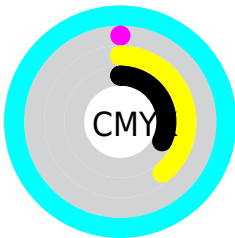
Distribution



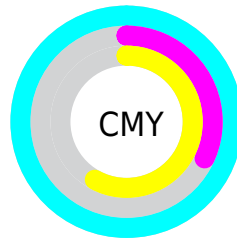
- Red (0%)
- Green (68%)
- Blue (42%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.6127, -41.0078, 19.0131 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 55.6127, -41.0078, 19.0131 by changing the saturation by 10% instead.


 55.6127, -41.0078,
19.0131


 55.6127, -41.0078,
19.0131


174.9888,
-70.1933, 35.3990


 45.3263, -37.0960,
16.9921


 78.1845, -48.2444,
22.8607


 35.7654, -32.9127,
14.8747


 90.3947, -51.6425,
24.7166


 26.9912, -28.3684,
12.6248


 103.1817,
-54.9281, 26.5411

 19.0817, -23.3239,
10.1863

 116.5204,
-58.1195, 28.3414

 12.1446, -21.1763,
8.5012

 130.3891,
-61.2311, 30.1233

 5.2054, -9.1095,
3.6438

 144.7681,

0.0000, NaN, NaN

-64.2746, 31.8912

0.0000, NaN, NaN

159.6399,
-67.2594, 33.6488

0.0000, NaN, NaN

■ 55.6127, -41.0078,
19.0131

■ 55.6127, -41.0078,
19.0131

■ 55.6137, -41.0091,
19.0147

■ 55.8533, -39.7547,
17.2296

■ 56.1965, -38.0623,
15.4140

■ 56.6789, -35.7974,
13.6140

■ 57.3143, -32.9242,
11.8585

■ 58.1120, -29.4306,
10.1741

■ 59.0778, -25.3251,
8.5842

■ 60.2148, -20.6322,
7.1089

■ 61.5234, -15.3894,
5.7643

■ 63.0017, -9.6430,
4.5625

Harmonies

Analogous

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



55.6138, -28.8152, 29.1605



55.6127, -41.0078, 19.0131



55.6138, -43.8669, -1.8189

Triad

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



55.6138, -41.0083, 19.0135



55.6138, 1.9951, -66.3518



55.6138, 42.7591, 23.9645

Complementary

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



55.6127, -41.0078, 19.0131



30.4799, 53.5255, 9.3851

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.



55.6138, 54.7787, 7.4730



55.6127, -41.0078, 19.0131



55.6138, 28.6725, -49.7964

Square

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



55.6138, -41.0083, 19.0135



55.6138, -21.7564, -58.5569



55.6138, 49.2077, -19.8102



55.6138, 18.6964, 30.9834

Rectangle

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



55.6127, -41.0078, 19.0131



55.6138, -40.6445, -21.2725



55.6138, 49.2077, -19.8102



55.6138, 48.5221, 19.7104

Sweetspot

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



55.6138, -41.0083, 19.0135



80.4954, -27.9635, 9.6141



55.8221, -42.0072, 33.6616



37.2259, -14.2628, 4.8489



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.



55.6138, -41.0083, 19.0135



74.3954, -55.0596, 25.8702



51.6672, -23.4562, -13.9433



30.0312, -4.3925, 2.1344



47.6785, -35.0751, 16.1230



8.0167, -5.4550, 1.7556

Inverse Universe

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



30.4799, 53.5255, 9.3851



40.7406, 71.4550, 13.2602



30.4880, 48.7504, 19.6394



28.3986, 1.3966, 1.1113



26.1439, 45.9513, 7.7540



4.4838, 8.1131, -0.4702

Previews

White Background



This preview shows how the HunterLab color 55.6127, -41.0078, 19.0131 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 55.6127, -41.0078, 19.0131 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 55.6127, -41.0078, 19.0131 Background



This preview shows how black text looks on a background with the HunterLab color 55.6127, -41.0078, 19.0131.



This preview shows how white text looks on a background with the HunterLab color 55.6127, -41.0078, 19.0131.

-41.0078, 19.0131.

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

55.6127, -41.0078, 19.0131

Protanopia

55.1927, -5.4874, 21.7646

Deuteranopia

55.2140, 3.8705, 17.3143



Tritanopia

55.4882, -22.1572, -11.2016

Trichromacy



Original Color

55.6127, -41.0078, 19.0131



Protanomaly

53.2136, -25.2440, 18.9147



Deuteranomaly

52.9898, -20.8270, 15.7817



Tritanomaly

55.0779, -30.5226, 1.4269

Monochromacy



Original Color

55.6127, -41.0078, 19.0131



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

44.6006, -20.8962, 7.1248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6127, -41.0078, 19.0131 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6127, -41.0078, 19.0131 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, 106) }
```


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

```
.border{ border-color:rgb(0, 173, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6127, -41.0078, 19.0131 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, 106) }
```

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

```
.background{ background-color: rgb(0, 173,  
106) }
```

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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