

Converting Colors

HunterLab(55.9009, -41.7056,
20.1591)

Have a look what the booklet for
HunterLab(55.9009, -41.7056,
20.1591) contains.

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Color

**HunterLab(55.9029,
-41.6831, 20.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	00AE67
RGB	0, 174, 103
RGB Percent	0%, 68%, 40%
CMY	1.0000, 0.3176, 0.5961
CMYK	1.00, 0.00, 0.41, 0.32
HSL	156°, 100%, 34%
HSV	156°, 100%, 68%
XYZ	17.5842, 31.2513, 17.9372
YIQ	113.8800, -80.9130, -58.9690

Conversions

Conversions Part 2

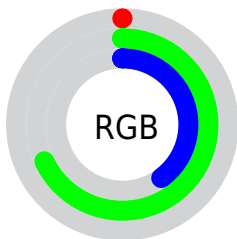
Format	Color
RYB	0, 109, 174
Decimal	44647
CIELab	62.72, -54.40, 26.08
CIELCh	63, 60.334, 154.384
Yxy	31.2526, 0.2633, 0.4680
Android (android.graphics.Color)	4278234727 (0xFF00AE67)
YUV	113.8800, -5.3638, -99.8728
Hunter-Lab	55.9029, -41.6831, 20.1080

Details

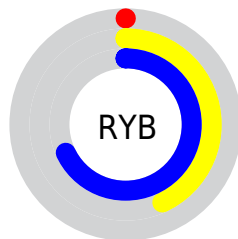
The HunterLab color **55.9029, -41.6831, 20.1080** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.7478, 54.1348, 8.3962**, and the grayscale version is **41.0186, -2.1886, 2.2286**.

A 20% lighter version of the original color is **78.6419, -49.0871, 24.2200**, and **37.0254, -29.0896, 16.5177** is the 20% darker color. If you saturate the color by 10%, you get **55.9039, -41.6842, 20.1093**, and if you desaturate by 10%, it is **56.1464, -40.4103, 18.2811**.

Distribution



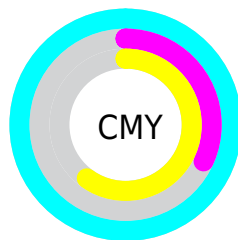
- Red (0%)
- Green (68%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.9029, -41.6831, 20.1080 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 55.9029, -41.6831, 20.1080 by changing the saturation by 10% instead.


 55.9029, -41.6831,
20.1080


 55.9029, -41.6831,
20.1080


175.4139,
-71.2870, 37.3616

 45.5974, -37.7113,
17.9577


 78.5096, -49.0290,
24.1870


 36.0160, -33.4634,
15.6994


 90.7358, -52.4774,
26.1479


 27.2194, -28.8494,
13.2944


 103.5382,
-55.8107, 28.0716

 19.2851, -23.7296,
10.6864

 116.8917,
-59.0478, 29.9662

 12.3196, -21.4089,
8.6237

 130.7745,
-62.2031, 31.8379

 5.4877, -9.6035,
3.8414

 145.1671,

0.0000, NaN, NaN

-65.2887, 33.6918

0.0000, NaN, NaN

160.0522,
-68.3140, 35.5320

0.0000, NaN, NaN

■ 55.9029, -41.6831,
20.1080

■ 55.9029, -41.6831,
20.1080

■ 55.9039, -41.6842,
20.1093

■ 56.1464, -40.4103,
18.2811

■ 56.4946, -38.6874,
16.4064

■ 56.9840, -36.3809,
14.5312

■ 57.6286, -33.4547,
12.6851

■ 58.4376, -29.8974,
10.8955

■ 59.4171, -25.7182,
9.1870

■ 60.5700, -20.9428,
7.5810

■ 61.8964, -15.6100,
6.0951

■ 63.3947, -9.7674,
4.7430

Harmonies

Analogous

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



55.9040, -28.7851, 29.9731



55.9029, -41.6831, 20.1080



55.9040, -45.0172, -0.7621

Triad

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



55.9040, -41.6836, 20.1084



55.9040, 0.9340, -69.3578



55.9040, 45.1955, 23.9707

Complementary

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



55.9029, -41.6831, 20.1080



30.7478, 54.1348, 8.3962

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.



55.9040, 56.9330, 6.5981



55.9029, -41.6831, 20.1080



55.9040, 28.5516, -53.0304

Square

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



55.9040, -41.6836, 20.1084



55.9040, -23.2216, -60.0756



55.9040, 50.3413, -22.0207



55.9040, 20.6130, 31.3700

Rectangle

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



55.9029, -41.6831, 20.1080



55.9040, -42.0074, -20.6964



55.9040, 50.3413, -22.0207



55.9040, 50.9616, 19.4894

Sweetspot

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



55.9040, -41.6836, 20.1084



81.4857, -28.5702, 10.3221



56.2766, -41.8760, 33.9440



38.1026, -14.7591, 5.2808



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



55.9040, -41.6836, 20.1084



75.2606, -56.3263, 27.5231



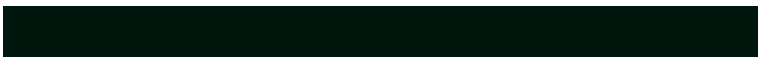
52.9395, -24.7864, -12.6625



30.0265, -4.4184, 2.2007



47.6223, -35.4220, 16.9423



8.0087, -5.5039, 1.8711

Inverse Universe

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



30.7478, 54.1348, 8.3962



41.3596, 72.7238, 12.0425



30.5401, 49.5412, 19.6854



28.4034, 1.4223, 1.0431



26.2068, 46.1819, 6.8426



4.4955, 8.1551, -0.6340

Previews

White Background



This preview shows how the HunterLab color 55.9029, -41.6831, 20.1080 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 55.9029, -41.6831, 20.1080 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 55.9029, -41.6831, 20.1080 Background



This preview shows how black text looks on a background with the HunterLab color 55.9029, -41.6831, 20.1080.



This preview shows how white text looks on a background with the HunterLab color 55.9029, -41.6831, 20.1080.

-41.6831, 20.1080.

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

55.9029, -41.6831, 20.1080

Protanopia

55.5283, -5.8906, 22.8061

Deuteranopia

55.2606, 3.9063, 18.2922



Tritanopia

55.8403, -22.4692, -10.7064

Trichromacy



Original Color

55.9029, -41.6831, 20.1080



Protanomaly

53.4812, -25.9561, 19.9629



Deuteranomaly

52.9291, -21.1802, 16.6623



Tritanomaly

55.3992, -31.0135, 2.2594

Monochromacy



Original Color

55.9029, -41.6831, 20.1080



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

44.8894, -21.4298, 7.8012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9029, -41.6831, 20.1080 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, 174, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 103)  
}
```

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, 174, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9029, -41.6831, 20.1080 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, 174, 103) }
```


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

```
.border{ border-color:rgb(0, 174, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9029, -41.6831, 20.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 103) }
```

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

```
.background{ background-color: rgb(0, 174,  
103) }
```

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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