

Converting Colors

HunterLab(15.9019, 1.9857,
-1.0292)

Have a look what the booklet for
HunterLab(15.9019, 1.9857, -1.0292)
contains.

HunterLab(15.9080, 1.8844, -0.9944)	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(15.9080, 1.8844,
-0.9944)**

Conversions

Conversions Part 1

Format	Color
Hex	312A31
RGB	49, 42, 49
RGB Percent	19%, 16%, 19%
CMY	0.8078, 0.8353, 0.8078
CMYK	0.00, 0.14, 0.00, 0.81
HSL	300°, 8%, 18%
HSV	300°, 14%, 19%
XYZ	2.6490, 2.5306, 3.2546
YIQ	44.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

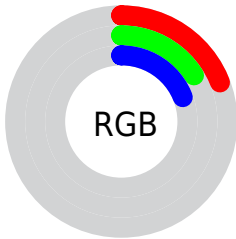
Format	Color
R_{YB}	49, 42, 49
Decimal	3222065
CIE Lab	18.06, 4.80, -3.35
CIE LCh	18, 5.852, 325.073
Yxy	2.5308, 0.3141, 0.3001
Android (android.graphics.Color)	4281412145 (0xFF312A31)
YUV	44.8910, 2.0257, 3.6036
Hunter-Lab	15.9080, 1.8844, -0.9944

Details

The HunterLab color **15.9080, 1.8844, -0.9944** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9000, -3.4742, 2.6676**, and the grayscale version is **16.1566, -0.8621, 0.8778**.

A 20% lighter version of the original color is **31.7419, 1.7721, -0.6322**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8465, 3.9050, -2.3876**, and if you desaturate by 10%, it is **17.0290, -0.0988, 0.3745**.

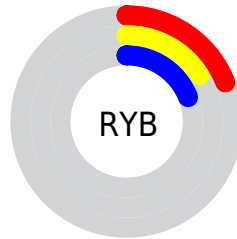
Distribution



Red (19%)

Green (16%)

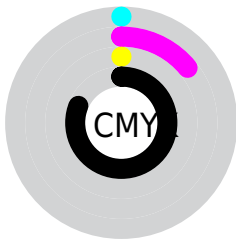
Blue (19%)



Red (19%)

Yellow (16%)

Blue (19%)

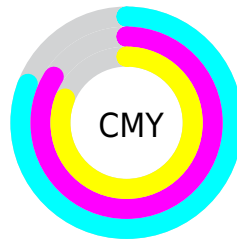


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9080, 1.8844, -0.9944 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 15.9080, 1.8844, -0.9944 by changing the saturation by 10% instead.

■ 15.9080, 1.8844,
-0.9944

■ 15.9080, 1.8844,
-0.9944

■ 110.5976, -0.8112,
2.6124

■ 9.4445, 1.8241,
-1.0858

■ 31.8121, 1.7039,
-0.5636

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.0359, 1.5008,
-0.2510

0.0000, NaN, NaN

■ 51.0109, 1.2366,
0.1159

0.0000, NaN, NaN

■ 61.6843, 0.9180,
0.5317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0131, 0.5502,
0.9923

0.0000, NaN, NaN

■ 84.9612, 0.1373,

0.0000, NaN, NaN

1.4943

97.4982, -0.3174,
2.0351

15.9080, 1.8844,
-0.9944

15.9080, 1.8844,
-0.9944

14.8465, 3.9050,
-2.3876

17.0290, -0.0988,
0.3745

13.8515, 5.9532,
-3.7985

18.2017, -2.0387,
1.7149

12.9324, 8.0084,
-5.2126

19.4205, -3.9354,
3.0267

12.0996, 10.0371,
-6.6073

20.6804, -5.7906,
4.3111

11.3637, 11.9899,
-7.9486

21.9773, -7.6074,
5.5700

■ 10.7354, 13.8008,
-9.1914

■ 23.3076, -9.3896,
6.8060

■ 10.2074, 15.4437,
-10.3181

■ 24.6683, -11.1409,
8.0215

■ 9.6723, 17.2411,
-11.5501

■ 26.0569, -12.8651,
9.2191

■ 9.3527, 18.3877,
-12.3356

■ 27.4710, -14.5657,
10.4010

Harmonies

Analogous

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



15.9083, 0.5413, -2.1736



15.9080, 1.8844, -0.9944



15.9083, 2.4954, 0.6000

Triad

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



15.9083, 1.8840, -0.9941



15.9083, -0.5715, 3.6312



15.9083, -3.6688, -0.4909

Complementary

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



15.9080, 1.8844, -0.9944



16.9000, -3.4742, 2.6676

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.



15.9083, -3.9393, 1.1274



15.9080, 1.8844, -0.9944



15.9083, -2.1945, 3.4034

Square

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



15.9083, 1.8840, -0.9941



15.9083, 1.0407, 3.1832



15.9083, -3.4104, 2.5254



15.9083, -2.6557, -1.8626

Rectangle

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



15.9080, 1.8844, -0.9944



15.9083, 2.3883, 1.6439



15.9083, -3.4104, 2.5254



15.9083, -3.8478, 0.0466

Sweetspot

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



15.9083, 1.8840, -0.9941



21.9268, -0.1439, 0.4936



15.3950, 0.1591, -1.7018



12.0098, -0.0371, 0.2420



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.9083, 1.8840, -0.9941



19.9679, 3.3661, -1.9288



15.8188, 1.4075, 0.2764



9.4671, 0.3954, -0.0981



16.9166, 33.2586, -22.3119



44.3961, 87.2843, -58.5556

Inverse Universe

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



15.9083, 1.8840, -0.9941



19.9679, 3.3661, -1.9288



16.9772, -3.0403, 1.5603



9.4671, 0.3954, -0.0981



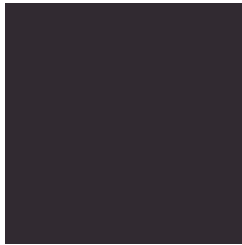
16.9166, 33.2586, -22.3119



44.3961, 87.2843, -58.5556

Previews

White Background



This preview shows how the HunterLab color 15.9080, 1.8844, -0.9944 looks on a white background.

Color Contrast Check

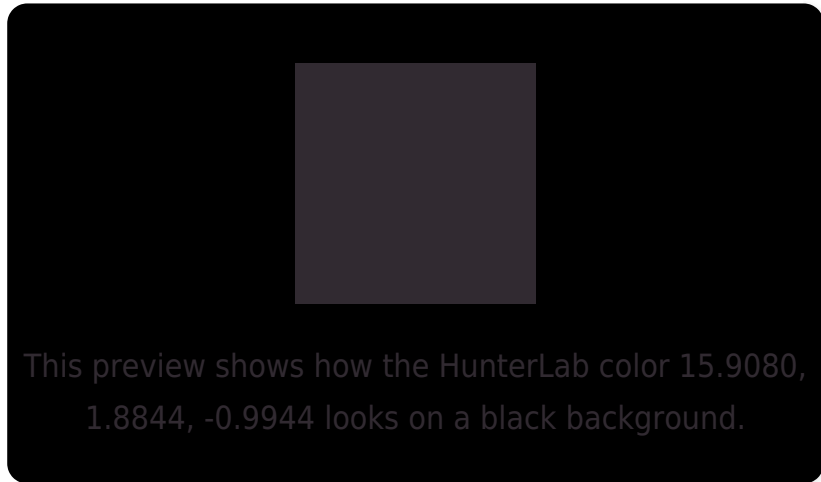
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

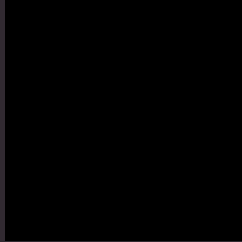
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.9080, 1.8844, -0.9944 Background



This preview shows how black text looks on a background with the HunterLab color 15.9080, 1.8844, -0.9944.



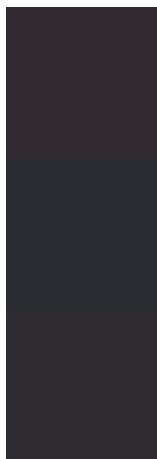
This preview shows how white text looks on a background with the HunterLab color 15.9080, 1.8844,

-0.9944.

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

15.9080, 1.8844, -0.9944

Protanopia

15.9538, -0.2537, -1.3883

Deuteranopia

15.9071, 0.7208, -1.0160



Tritanopia

16.0561, 1.0696, 0.3677

Trichromacy



Original Color

15.9080, 1.8844, -0.9944

Protanomaly

15.8617, 0.6211, -1.4949

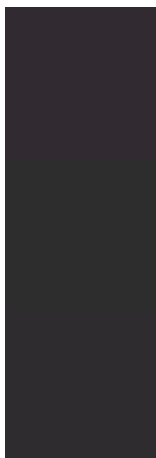
Deuteranomaly

15.9807, 0.9693, -0.9163

Tritanomaly

16.0809, 1.2026, 0.0146

Monochromacy



Original Color

15.9080, 1.8844, -0.9944

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.0607, -0.0928, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9080, 1.8844, -0.9944 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(49, 42, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 42, 49)  
}
```

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(49, 42, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 42, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9080, 1.8844, -0.9944 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(49, 42, 49) }
```


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

```
.border{ border-color:rgb(49, 42, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 42, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 42, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 42, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 42, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9080, 1.8844, -0.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 42, 49) }
```

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

```
.background{ background-color: rgb(49, 42,  
49) }
```

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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