

Converting Colors

HunterLab(17.9044, 2.0461,
1.2996)

Have a look what the booklet for
HunterLab(17.9044, 2.0461, 1.2996)
contains.

HunterLab(17.9867, 1.8309, 1.5371)	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(17.9867, 1.8309,
1.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3031
RGB	58, 48, 49
RGB Percent	23%, 19%, 19%
CMY	0.7725, 0.8118, 0.8078
CMYK	0.00, 0.17, 0.16, 0.77
HSL	354°, 9%, 21%
HSV	354°, 17%, 23%
XYZ	3.3563, 3.2352, 3.3533
YIQ	51.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

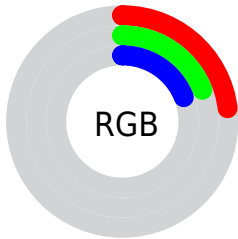
Format	Color
R_{YB}	58, 48, 49
Decimal	3813425
CIE Lab	20.96, 4.72, 1.04
CIE LCh	21, 4.829, 12.415
Yxy	3.2354, 0.3375, 0.3253
Android (android.graphics.Color)	4282003505 (0xFF3A3031)
YUV	51.1040, -1.0373, 6.0478
Hunter-Lab	17.9867, 1.8309, 1.5371

Details

The HunterLab color **17.9867, 1.8309, 1.5371** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.8746, -3.6096, 0.6351**, and the grayscale version is **18.2321, -0.9728, 0.9906**.

A 20% lighter version of the original color is **34.4019, 1.5106, 2.5658**, and **3.3519, 5.8056, 1.6591** is the 20% darker color. If you saturate the color by 10%, you get **16.5832, 3.6003, 1.8394**, and if you desaturate by 10%, it is **19.4625, 0.1132, 1.2796**.

Distribution



Red (23%)

Green (19%)

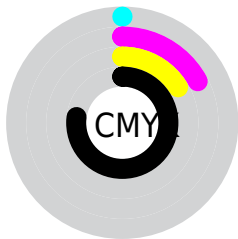
Blue (19%)



Red (23%)

Yellow (19%)

Blue (19%)

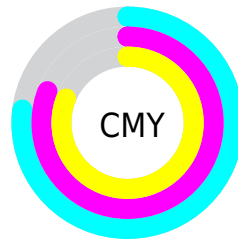


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9867, 1.8309, 1.5371 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 17.9867, 1.8309, 1.5371 by changing the saturation by 10% instead.

■ 17.9867, 1.8309,
1.5371

■ 17.9867, 1.8309,
1.5371

■ 114.5059, -1.0498,
7.2797

■ 11.2063, 1.8113,
1.0839

■ 34.4113, 1.5914,
2.5702

■ 3.2649, 6.1202,
1.4959

■ 43.8595, 1.3650,
3.1444

0.0000, NaN, NaN

■ 54.0424, 1.0799,
3.7542

0.0000, NaN, NaN

■ 64.9103, 0.7424,
4.3977

0.0000, NaN, NaN

■ 76.4225, 0.3572,
5.0734

0.0000, NaN, NaN

■ 88.5447, -0.0718,

0.0000, NaN, NaN

101.2476, -0.5417,
6.5155

■ 17.9867, 1.8309,
1.5371

■ 17.9867, 1.8309,
1.5371

■ 16.5832, 3.6003,
1.8394

■ 19.4625, 0.1132,
1.2796

■ 15.2622, 5.4189,
2.1906

■ 21.0002, -1.5525,
1.0608

■ 14.0377, 7.2728,
2.5946

■ 22.5925, -3.1710,
0.8757

■ 12.9258, 9.1331,
3.0515

■ 24.2332, -4.7472,
0.7198

■ 11.9449, 10.9484,
3.5552

■ 25.9172, -6.2866,
0.5892

■ 11.1140, 12.6404,
4.0903

■ 27.6402, -7.7944,
0.4803

■ 10.4302, 14.1684,
4.6138

■ 29.3987, -9.2753,
0.3904

■ 9.7477, 15.9393,
5.0218

■ 31.1897, -10.7334,
0.3168

■ 9.5512, 16.4896,
5.1413

■ 33.0106, -12.1725,
0.2576

Harmonies

Analogous

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



17.9871, 1.7617, 0.1632



17.9867, 1.8309, 1.5371



17.9871, 1.1342, 2.6701

Triad

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



17.9871, 1.8303, 1.5374



17.9871, -2.7944, 2.8209



17.9871, -1.7914, -1.7234

Complementary

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



17.9867, 1.8309, 1.5371



19.8746, -3.6096, 0.6351

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.



17.9871, -2.9639, -0.8939



17.9867, 1.8309, 1.5371



17.9871, -3.5303, 1.7585

Square

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



17.9871, 1.8303, 1.5374



17.9871, -1.5534, 3.3710



17.9871, -3.5913, 0.4023



17.9871, -0.3602, -1.7944

Rectangle

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



17.9867, 1.8309, 1.5371



17.9871, 0.3424, 3.1651



17.9871, -3.5913, 0.4023



17.9871, -2.2277, -1.5212

Sweetspot

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



17.9871, 1.8303, 1.5374



26.0026, -0.2928, 1.6223



18.1367, 2.7874, -1.8616



13.4327, -0.1281, 0.8426



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.9871, 1.8303, 1.5374



22.7657, 3.5170, 2.2057



18.8920, 0.0704, 2.8659



10.1284, 0.1518, 0.6844



15.1166, 26.0206, 8.7375



38.9412, 66.8359, 24.0170

Inverse Universe

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



17.9871, 1.8303, 1.5374



22.7657, 3.5170, 2.2057



18.9006, -1.8920, -0.9439



10.1284, 0.1518, 0.6844



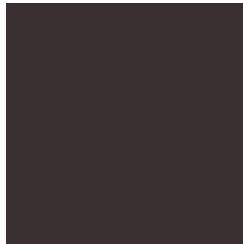
15.1166, 26.0206, 8.7375



38.9412, 66.8359, 24.0170

Previews

White Background



This preview shows how the HunterLab color 17.9867, 1.8309, 1.5371 looks on a white background.

Color Contrast Check

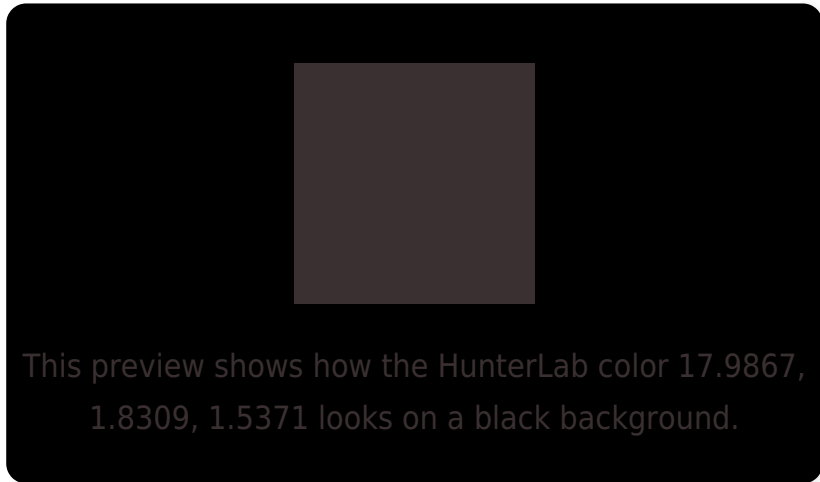
Large Text (above 18pt) WCAG AA ✓ Pass

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

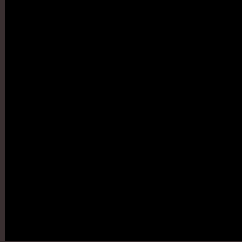
Any Text WCAG AA × Fail

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 17.9867, 1.8309, 1.5371 Background



This preview shows how black text looks on a background with the HunterLab color 17.9867, 1.8309, 1.5371.

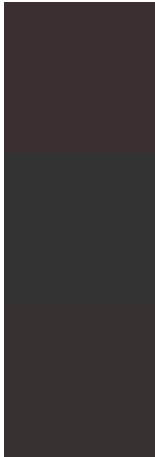


This preview shows how white text looks on a background with the HunterLab color 17.9867, 1.8309,

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

17.9867, 1.8309, 1.5371

Protanopia

17.9313, -0.7037, 1.0591

Deuteranopia

18.0531, 0.8736, 1.5965



Tritanopia

18.0346, 2.0857, 0.8528

Trichromacy



Original Color

17.9867, 1.8309, 1.5371

Protanomaly

17.9198, 0.4695, 1.0661

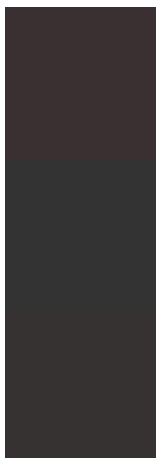
Deuteranomaly

18.1335, 1.1446, 1.6931

Tritanomaly

18.0104, 1.9571, 1.1982

Monochromacy



Original Color

17.9867, 1.8309, 1.5371

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1542, 0.0640, 1.3324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9867, 1.8309, 1.5371 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(58, 48, 49) looks like.

```
.text, #text, p{  
    color:rgb(58, 48, 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(58, 48, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 48, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9867, 1.8309, 1.5371 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(58, 48, 49) }
```


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

```
.border{ border-color:rgb(58, 48, 49) }
```

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

Here you see how a box with a 4 pixel rgb(58, 48, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 48, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 48, 49);  
box-shadow:4px 4px 4px 4px rgb(58, 48, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9867, 1.8309, 1.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 48, 49) }
```

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

```
.background{ background-color: rgb(58, 48,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor