

Converting Colors

HunterLab(19.4604, 4.8303,
7.9685)

Have a look what the booklet for
HunterLab(19.4604, 4.8303, 7.9685)
contains.

HunterLab(19.4853, 4.9317, 7.9351)	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(19.4853, 4.9317,
7.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3120
RGB	75, 49, 32
RGB Percent	29%, 19%, 13%
CMY	0.7059, 0.8078, 0.8745
CMYK	0.00, 0.35, 0.57, 0.71
HSL	24°, 40%, 21%
HSV	24°, 57%, 29%
XYZ	4.2607, 3.7968, 1.8748
YIQ	54.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

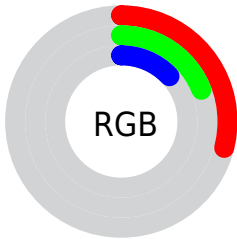
Format	Color
RYB	75, 60, 32
Decimal	4927776
CIELab	22.99, 9.56, 15.58
CIELCh	23, 18.278, 58.449
Yxy	3.7970, 0.4290, 0.3823
Android (android.graphics.Color)	4283117856 (0xFF4B3120)
YUV	54.8360, -11.2581, 17.6838
Hunter-Lab	19.4853, 4.9317, 7.9351

Details

The HunterLab color **19.4853, 4.9317, 7.9351** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.5985, -3.5252, -8.1230**, and the grayscale version is **19.5226, -1.0417, 1.0607**.

A 20% lighter version of the original color is **36.2517, 5.4987, 11.2516**, and **5.8408, 7.1369, 3.7240** is the 20% darker color. If you saturate the color by 10%, you get **18.4399, 6.3533, 8.6067**, and if you desaturate by 10%, it is **20.5939, 3.6055, 7.1009**.

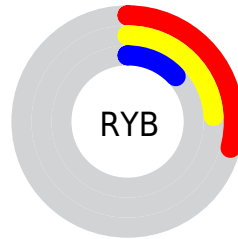
Distribution



Red (29%)

Green (19%)

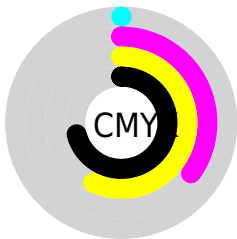
Blue (13%)



Red (29%)

Yellow (24%)

Blue (13%)

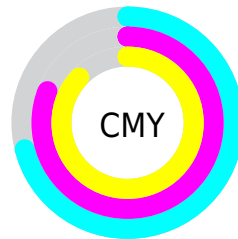


Cyan (0%)

Magenta (35%)

Yellow (57%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4853, 4.9317, 7.9351 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 19.4853, 4.9317, 7.9351 by changing the saturation by 10% instead.

■ 19.4853, 4.9317,
7.9351

■ 19.4853, 4.9317,
7.9351

■ 117.2572, 4.1810,
21.1997

■ 12.4926, 4.5816,
6.4825

■ 36.2630, 5.2701,
11.1666

■ 5.7519, 6.9381,
4.0263

■ 45.8646, 5.3023,
12.6717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1900, 5.2603,
14.1357

0.0000, NaN, NaN

■ 67.1914, 5.1527,
15.5724

0.0000, NaN, NaN

■ 78.8297, 4.9862,
16.9912

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 91.0718, 4.7660,


18.3990


0.0000, NaN, NaN


 103.8892, 4.4964,
19.8006

 19.4853, 4.9317,
7.9351


 19.4853, 4.9317,
7.9351


 18.4399, 6.3533,
8.6067


 20.5939, 3.6055,
7.1009

 17.4626, 7.8682,
9.0975


 21.7587, 2.3776,
6.1210


 16.5600, 9.4635,
9.3931

 22.9748, 1.2441,
5.0124

 15.7262, 11.0600,
9.6674

 24.2377, 0.2001,
3.7902

 15.5145, 11.4755,
9.7609

 25.5432, -0.7604,
2.4678

■ 26.8877, -1.6438,
1.0567

■ 28.2678, -2.4565,
-0.4331

■ 29.6808, -3.2047,
-1.9931

■ 31.1241, -3.8941,
-3.6161

Harmonies

Analogous

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



19.4858, 9.3793, 5.3431



19.4853, 4.9317, 7.9351



19.4858, -0.7480, 8.7827

Triad

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



19.4858, 4.9307, 7.9354



19.4858, -10.6938, 1.3363



19.4858, 4.3687, -10.2901

Complementary

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



19.4853, 4.9317, 7.9351



19.5985, -3.5252, -8.1230

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.



19.4858, -1.3318, -12.2374



19.4853, 4.9317, 7.9351



19.4858, -9.6469, -4.4881

Square

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



19.4858, 4.9307, 7.9354



19.4858, -9.4074, 5.7022



19.4858, -6.3698, -9.8664



19.4858, 9.0298, -5.1086

Rectangle

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



19.4853, 4.9317, 7.9351



19.4858, -4.3383, 8.4997



19.4858, -6.3698, -9.8664



19.4858, 2.4918, -11.3996

Sweetspot

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



19.4858, 4.9307, 7.9354



31.5090, 0.2991, 4.9839



16.8513, 14.9473, -3.6825



15.7558, 0.2017, 2.5674



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



19.4858, 4.9307, 7.9354



23.4617, 9.0896, 11.5055



24.4507, -3.7208, 11.6876



13.3894, -0.3353, 1.4000



20.8920, 16.8343, 13.1682



49.1719, 45.3308, 31.0931

Inverse Universe

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



19.5985, -3.5252, -8.1230



23.6143, -4.2191, -13.8565



14.6263, 5.2531, -17.8789



13.4006, -1.0582, 0.0319



20.9015, -1.5379, -22.8051



49.0713, -0.7187, -59.7834

Previews

White Background



This preview shows how the HunterLab color 19.4853, 4.9317, 7.9351 looks on a white background.

Color Contrast Check

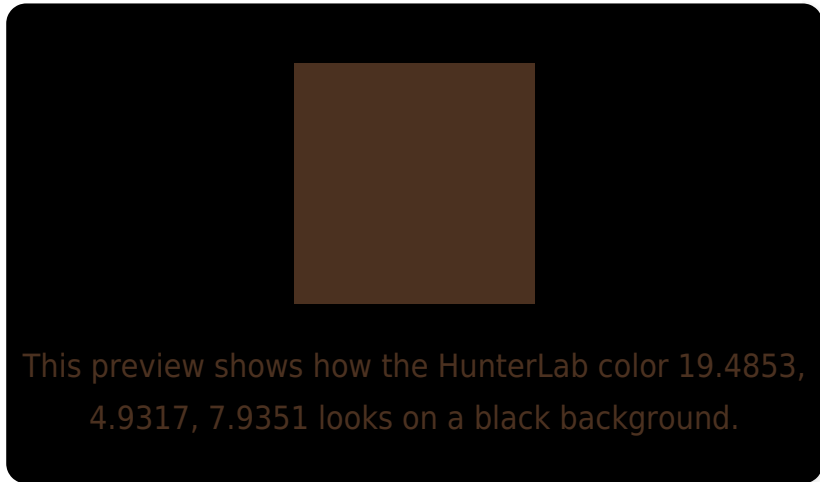
Large Text (above 18pt) WCAG AA ✓ Pass

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

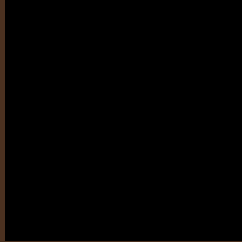
Any Text WCAG AA × Fail

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 19.4853, 4.9317, 7.9351 Background



This preview shows how black text looks on a background with the HunterLab color 19.4853, 4.9317, 7.9351.

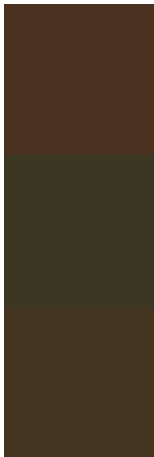


This preview shows how white text looks on a background with the HunterLab color 19.4853, 4.9317,

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

19.4853, 4.9317, 7.9351

Protanopia

19.5155, -1.9706, 7.3930

Deuteranopia

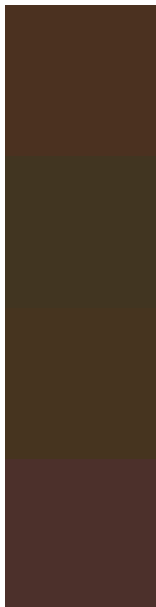
19.5919, 0.6560, 8.1609



Tritanopia

19.4931, 7.7599, 2.9691

Trichromacy



Original Color

19.4853, 4.9317, 7.9351

Protanomaly

19.4418, 0.2008, 7.5955

Deuteranomaly

19.6393, 1.9971, 8.2230

Tritanomaly

19.5572, 6.6049, 5.2379

Monochromacy



Original Color

19.4853, 4.9317, 7.9351

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.4308, 0.6546, 3.7786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4853, 4.9317, 7.9351 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(75, 49, 32)` looks like.

```
.text, #text, p{  
    color:rgb(75, 49, 32)  
}
```

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(75, 49, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 49, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4853, 4.9317, 7.9351 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(75, 49, 32) }
```


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

```
.border{ border-color:rgb(75, 49, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 49, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 49, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 49, 32);  
box-shadow:4px 4px 4px 4px rgb(75, 49, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4853, 4.9317, 7.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 49, 32) }
```

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

```
.background{ background-color: rgb(75, 49,  
32) }
```

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