

Converting Colors

HunterLab(16.8306, 14.1099,
5.1914)

Have a look what the booklet for
HunterLab(16.8306, 14.1099,
5.1914) contains.

HunterLab(16.8938, 13.8994, 5.3419)	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(16.8938, 13.8994,
5.3419)**

Conversions

Conversions Part 1

Format	Color
Hex	502022
RGB	80, 32, 34
RGB Percent	31%, 13%, 13%
CMY	0.6863, 0.8745, 0.8667
CMYK	0.00, 0.60, 0.57, 0.69
HSL	358°, 43%, 22%
HSV	358°, 60%, 31%
XYZ	4.1135, 2.8540, 1.8475
YIQ	46.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

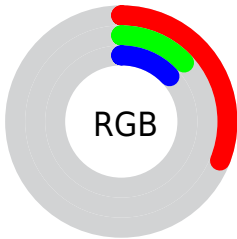
Format	Color
R_{YB}	80, 32, 34
Decimal	5251106
CIE Lab	19.45, 22.75, 9.73
CIE LCh	19, 24.739, 23.154
Yxy	2.8542, 0.4666, 0.3238
Android (android.graphics.Color)	4283441186 (0xFF502022)
YUV	46.5800, -6.2019, 29.3093
Hunter-Lab	16.8938, 13.8994, 5.3419

Details

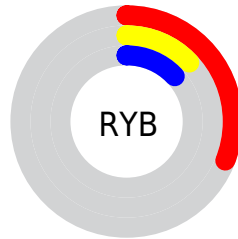
The HunterLab color **16.8938, 13.8994, 5.3419** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25.6798, -11.2993, -1.0165**, and the grayscale version is **16.7347, -0.8929, 0.9092**.

A 20% lighter version of the original color is **33.0218, 15.8095, 7.6833**, and **5.8504, 10.0565, 3.4900** is the 20% darker color. If you saturate the color by 10%, you get **15.6043, 16.4490, 6.1154**, and if you desaturate by 10%, it is **18.4067, 11.2252, 4.5829**.

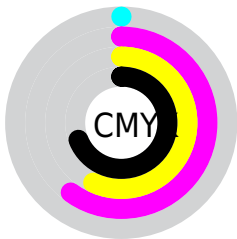
Distribution



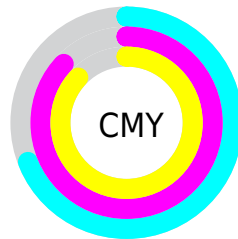
- Red (31%)
- Green (13%)
- Blue (13%)



- Red (31%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8938, 13.8994, 5.3419 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 16.8938, 13.8994, 5.3419 by changing the saturation by 10% instead.

■ 16.8938, 13.8994,
5.3419

■ 16.8938, 13.8994,
5.3419

■ 112.4655, 19.1000,
15.4839

■ 10.2765, 12.7013,
4.5453

■ 33.0496, 15.8159,
7.6716

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.3817, 16.5693,
8.7902

0.0000, NaN, NaN

■ 52.4569, 17.2092,
9.8985

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2240, 17.7492,
11.0042

0.0000, NaN, NaN


■ 74.6410, 18.2002,
12.1126


0.0000, NaN, NaN


■ 86.6729, 18.5710,


0.0000, NaN, NaN


13.2272


 99.2897, 18.8689,
14.3503


 16.8938, 13.8994,
5.3419


 16.8938, 13.8994,
5.3419


 15.6043, 16.4490,
6.1154


 18.4067, 11.2252,
4.5829


 14.5672, 18.7221,
6.8568


 20.1102, 8.5378,
3.8649


 13.7963, 20.5652,
7.5007

 21.9762, 5.8993,
3.2010

 13.0876, 22.4673,
8.0244

 23.9801, 3.3401,
2.5940

 13.0873, 22.4681,
8.0246

 26.1015, 0.8701,
2.0416

■ 28.3240, -1.5121,
1.5387

■ 30.6342, -3.8136,
1.0795

■ 33.0214, -6.0434,
0.6583

■ 35.4769, -8.2114,
0.2699

Harmonies

Analogous

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



16.8943, 15.2613, -0.7364



16.8938, 13.8994, 5.3419



16.8943, 8.2829, 8.4555

Triad

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



16.8943, 13.8982, 5.3422



16.8943, -10.6622, 7.0896



16.8943, -2.5300, -18.2217

Complementary

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



16.8938, 13.8994, 5.3419



25.6798, -11.2993, -1.0165

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.



16.8943, -8.4665, -13.4821



16.8938, 13.8994, 5.3419



16.8943, -12.6220, 2.4233

Square

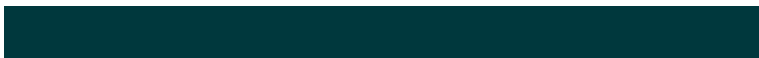
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8943, 13.8982, 5.3422



16.8943, -6.0354, 9.1791



16.8943, -11.8918, -5.1606



16.8943, 4.9277, -16.3510

Rectangle

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



16.8938, 13.8994, 5.3419



16.8943, 3.3244, 9.4075



16.8943, -11.8918, -5.1606



16.8943, -4.7505, -17.3000

Sweetspot

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



16.8943, 13.8982, 5.3422



32.0453, 3.9672, 3.3246



17.9311, 19.1290, -13.7108



16.0639, 2.3307, 1.7644



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



16.8943, 13.8982, 5.3422



19.9369, 23.1754, 8.5403



21.0028, 4.6322, 9.1647



13.8057, 0.2972, 1.0344



17.2789, 29.6459, 10.7375



41.4552, 71.0443, 26.3917

Inverse Universe

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



16.8943, 13.8982, 5.3422



19.9369, 23.1754, 8.5403



19.8823, -2.6794, -10.4276



13.8057, 0.2972, 1.0344



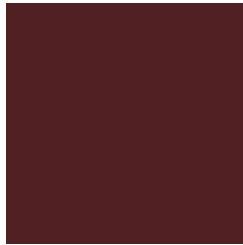
17.2789, 29.6459, 10.7375



41.4552, 71.0443, 26.3917

Previews

White Background



This preview shows how the HunterLab color 16.8938, 13.8994, 5.3419 looks on a white background.

Color Contrast Check

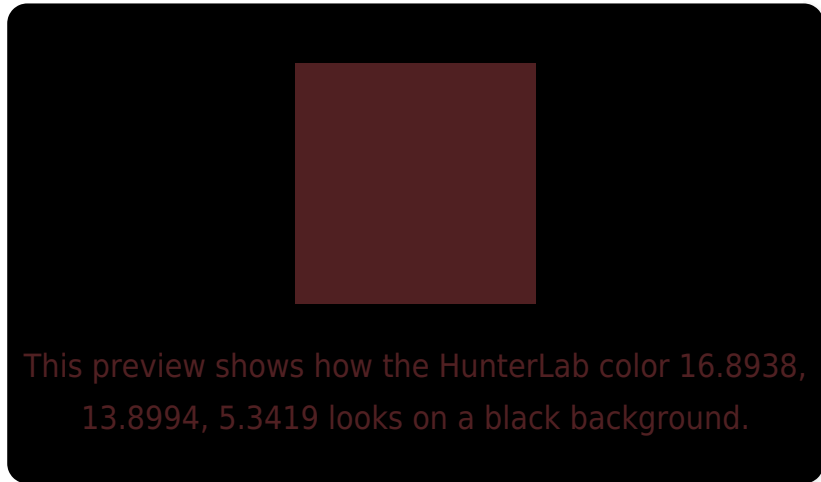
Large Text (above 18pt) WCAG AA ✓ Pass

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

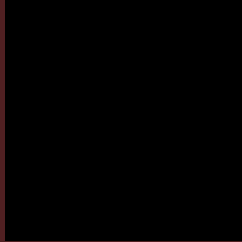
Any Text WCAG AA × Fail

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 16.8938, 13.8994, 5.3419 Background



This preview shows how black text looks on a background with the HunterLab color 16.8938, 13.8994, 5.3419.



This preview shows how white text looks on a background with the HunterLab color 16.8938, 13.8994,

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

16.8938, 13.8994, 5.3419

Protanopia

17.2563, -1.0032, 3.4079

Deuteranopia

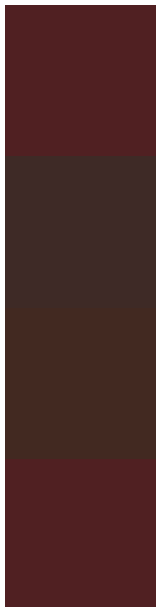
17.1983, 0.8595, 5.9016



Tritanopia

16.8938, 13.8994, 5.3419

Trichromacy



Original Color

16.8938, 13.8994, 5.3419

Protanomaly

16.7929, 4.2488, 3.9478

Deuteranomaly

16.8936, 5.4547, 5.4555

Tritanomaly

16.8938, 13.8994, 5.3419

Monochromacy



Original Color

16.8938, 13.8994, 5.3419

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.5919, 3.7718, 2.4623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8938, 13.8994, 5.3419 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(80, 32, 34)` looks like.

```
.text, #text, p{  
    color:rgb(80, 32, 34)  
}
```

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(80, 32, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 32, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8938, 13.8994, 5.3419 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(80, 32, 34) }
```


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

```
.border{ border-color:rgb(80, 32, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 32, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 32, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 32, 34);  
box-shadow:4px 4px 4px 4px rgb(80, 32, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8938, 13.8994, 5.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 32, 34) }
```

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

```
.background{ background-color: rgb(80, 32,  
34) }
```

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