

Converting Colors

HunterLab(17.9113, -1.1538,
4.8083)

Have a look what the booklet for
HunterLab(17.9113, -1.1538, 4.8083)
contains.

| | |
|--|----|
| HunterLab(17.9037, -1.3040, 4.9368) | 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(17.9037, -1.3040,
4.9368)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 363226 |
| RGB | 54, 50, 38 |
| RGB Percent | 21%, 20%, 15% |
| CMY | 0.7882, 0.8039, 0.8510 |
| CMYK | 0.00, 0.07, 0.30, 0.79 |
| HSL | 45°, 17%, 18% |
| HSV | 45°, 30%, 21% |
| XYZ | 3.0118, 3.2054, 2.2937 |
| YIQ | 49.8280, 6.2360, -2.8840 |

Conversions

Conversions Part 2

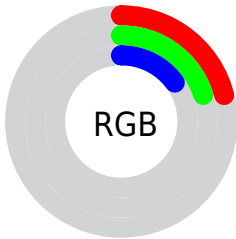
| Format | Color |
|-------------------------------------|-----------------------------|
| R_YB | 43, 54, 38 |
| Decimal | 3551782 |
| CIE Lab | 20.85, -0.61, 8.30 |
| CIE LCh | 21, 8.319, 94.201 |
| Yxy | 3.2056, 0.3539, 0.3766 |
| Android (android.graphics.Color) | 4281741862 (0xFF363226) |
| YUV | 49.8280, -5.8312, 3.6588 |
| Hunter-Lab | 17.9037, -1.3040, 4.9368 |

Details

The HunterLab color **17.9037, -1.3040, 4.9368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2783, 0.0541, -4.1283**, and the grayscale version is **17.8197, -0.9508, 0.9682**.

A 20% lighter version of the original color is **34.2884, -2.1626, 6.9398**, and **2.9066, -0.7807, 1.7774** is the 20% darker color. If you saturate the color by 10%, you get **17.4914, -1.2798, 5.9774**, and if you desaturate by 10%, it is **18.3306, -1.2682, 3.7554**.

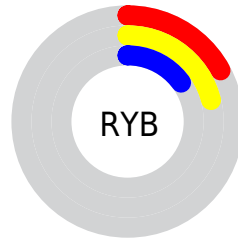
Distribution



Red (21%)

Green (20%)

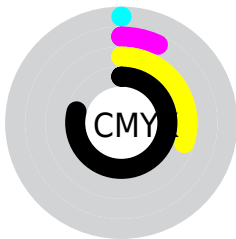
Blue (15%)



Red (17%)

Yellow (21%)

Blue (15%)

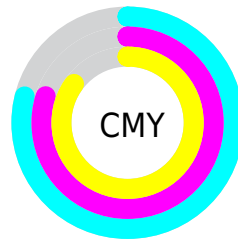


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (79%)



Cyan (79%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9037, -1.3040, 4.9368 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 17.9037, -1.3040, 4.9368 by changing the saturation by 10% instead.

■ 17.9037, -1.3040,
4.9368

■ 17.9037, -1.3040,
4.9368

■ 114.3520, -6.7556,
14.3110

■ 11.1354, -0.8916,
3.9201

■ 34.3082, -2.2656,
7.0290

■ 3.0659, -1.0298,
2.1461

■ 43.7478, -2.8065,
8.0516

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.9226, -3.3840,
9.0733

0.0000, NaN, NaN

■ 64.7829, -3.9960,
10.0998

0.0000, NaN, NaN

■ 76.2880, -4.6406,
11.1347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4034, -5.3163,

12.1805

0.0000, NaN, NaN

101.0999, -6.0217,
13.2388

17.9037, -1.3040,
4.9368

17.9037, -1.3040,
4.9368

17.4914, -1.2798,
5.9774

18.3306, -1.2682,
3.7554

17.0929, -1.1928,
6.8726

18.7706, -1.1721,
2.4372

16.7086, -1.0430,
7.6197

19.2237, -1.0181,
0.9875

16.3388, -0.8304,
8.2170

19.6896, -0.8080,
-0.5883

15.9835, -0.5557,
8.6648

20.1679, -0.5440,
-2.2845

■ 15.6388, -0.2416,
9.0226

■ 20.6582, -0.2281,
-4.0954

■ 15.2970, 0.0695,
9.4049

■ 21.1601, 0.1375,
-6.0155

■ 15.2844, 0.0809,
9.4196

■ 21.6733, 0.5505,
-8.0392

■ 22.1972, 1.0087,
-10.1611

Harmonies

Analogous

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



17.9041, 1.1686, 4.5993



17.9037, -1.3040, 4.9368



17.9041, -3.5608, 4.3377

Triad

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



17.9041, -1.3046, 4.9370



17.9041, -4.7352, -1.7699



17.9041, 3.5466, -1.1162

Complementary

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



17.9037, -1.3040, 4.9368



15.2783, 0.0541, -4.1283

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.



17.9041, 1.8062, -3.2018



17.9037, -1.3040, 4.9368



17.9041, -2.9865, -3.6139

Square

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



17.9041, -1.3046, 4.9370



17.9041, -5.4719, 0.6388



17.9041, -0.6053, -4.1705



17.9041, 4.0566, 1.3040

Rectangle

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



17.9037, -1.3040, 4.9368



17.9041, -4.6652, 3.4321



17.9041, -0.6053, -4.1705



17.9041, 3.0816, -1.8898

Sweetspot

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



17.9041, -1.3046, 4.9370



24.6794, -1.5380, 3.1754



15.2895, 3.9754, 0.9965



12.8776, -0.8075, 1.7036



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.9041, -1.3046, 4.9370



23.0814, -1.6935, 7.6339



18.5914, -3.8808, 5.5399



10.5773, -0.6496, 1.2730



25.5027, 0.9572, 15.7314



64.6802, 4.5622, 39.9355

Inverse Universe

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



15.2783, 0.0541, -4.1283



18.7098, 0.6172, -7.5650



14.6453, 2.5724, -5.0597



10.1503, -0.4345, -0.1886



11.7460, 13.3068, -43.4070



28.0074, 41.3776, -124.3291

Previews

White Background



This preview shows how the HunterLab color 17.9037, -1.3040, 4.9368 looks on a white background.

Color Contrast Check

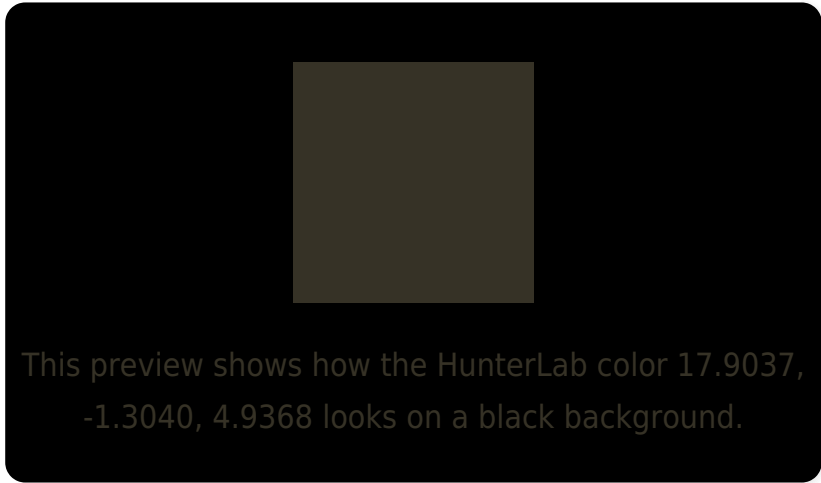
Large Text (above 18pt) WCAG AA ✓ Pass

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

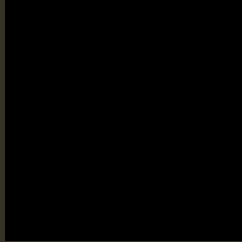
Any Text WCAG AA × Fail

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 17.9037, -1.3040, 4.9368 Background



This preview shows how black text looks on a background with the HunterLab color 17.9037, -1.3040, 4.9368.



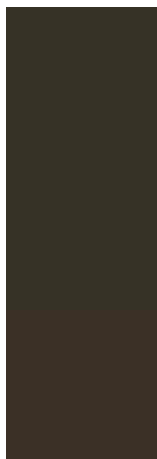
This preview shows how white text looks on a background with the HunterLab color 17.9037, -1.3040,

4.9368.

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

17.9037, -1.3040, 4.9368

Protanopia

17.9037, -1.3040, 4.9368

Deuteranopia

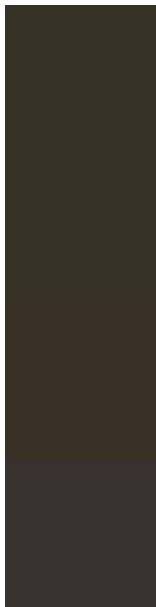
17.8428, 0.8925, 4.9170



Tritanopia

17.8958, 1.6745, 0.2931

Trichromacy



Original Color

17.9037, -1.3040, 4.9368

Protanomaly

17.9037, -1.3040, 4.9368

Deuteranomaly

17.9065, -0.0802, 4.9609

Tritanomaly

17.9279, 0.3573, 2.1594

Monochromacy



Original Color

17.9037, -1.3040, 4.9368

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8389, -1.2096, 2.3803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9037, -1.3040, 4.9368 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(54, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(54, 50, 38)  
}
```

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(54, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 50, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9037, -1.3040, 4.9368 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(54, 50, 38) }
```


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

```
.border{ border-color:rgb(54, 50, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 50, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(54, 50, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9037, -1.3040, 4.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 50, 38) }
```

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

```
.background{ background-color: rgb(54, 50,  
38) }
```

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