

Converting Colors

HunterLab(17.8177, -0.5035,
5.0774)

Have a look what the booklet for
HunterLab(17.8177, -0.5035, 5.0774)
contains.

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Color

**HunterLab(17.8072, -0.4576,
5.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	383125
RGB	56, 49, 37
RGB Percent	22%, 19%, 15%
CMY	0.7804, 0.8078, 0.8549
CMYK	0.00, 0.12, 0.34, 0.78
HSL	38°, 20%, 18%
HSV	38°, 34%, 22%
XYZ	3.0631, 3.1710, 2.2009
YIQ	49.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

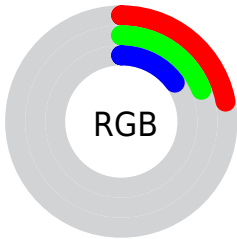
Format	Color
R_{YB}	48, 56, 37
Decimal	3682597
CIE Lab	20.72, 0.86, 8.82
CIE LCh	21, 8.865, 84.458
Yxy	3.1711, 0.3631, 0.3759
Android (android.graphics.Color)	4281872677 (0xFF383125)
YUV	49.7250, -6.2734, 5.5032
Hunter-Lab	17.8072, -0.4576, 5.1371

Details

The HunterLab color **17.8072, -0.4576, 5.1371** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7484, -0.6129, -4.3923**, and the grayscale version is **17.7862, -0.9490, 0.9664**.

A 20% lighter version of the original color is **34.1719, -1.2510, 7.1844**, and **2.8659, 1.0145, 1.7837** is the 20% darker color. If you saturate the color by 10%, you get **17.2336, -0.1463, 6.0611**, and if you desaturate by 10%, it is **18.3999, -0.7070, 4.0842**.

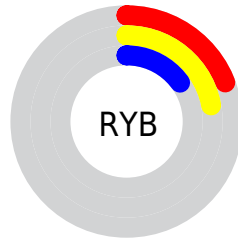
Distribution



Red (22%)

Green (19%)

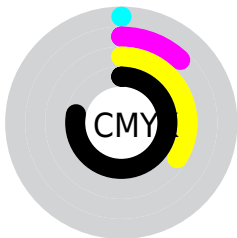
Blue (15%)



Red (19%)

Yellow (22%)

Blue (15%)

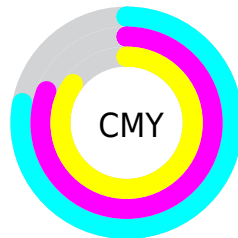


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (78%)



Cyan (78%)

Magenta (81%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8072, -0.4576, 5.1371 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 17.8072, -0.4576, 5.1371 by changing the saturation by 10% instead.

■ 17.8072, -0.4576,
5.1371

■ 17.8072, -0.4576,
5.1371

■ 114.1729, -5.1859,
14.7889

■ 11.0531, -0.1690,
4.1168

■ 34.1883, -1.2146,
7.3124

■ 2.8165, 1.1740,
1.9715

■ 43.6177, -1.6668,
8.3695

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7832, -2.1621,
9.4226

0.0000, NaN, NaN

■ 64.6347, -2.6970,
10.4781

0.0000, NaN, NaN

■ 76.1315, -3.2689,
11.5401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2390, -3.8755,

12.6113

0.0000, NaN, NaN

100.9280, -4.5151,
13.6938

17.8072, -0.4576,
5.1371

17.8072, -0.4576,
5.1371

17.2336, -0.1463,
6.0611

18.3999, -0.7070,
4.0842

16.6787, 0.2306,
6.8487

19.0096, -0.8951,
2.9086

16.1438, 0.6740,
7.4944

19.6359, -1.0252,
1.6176

15.6295, 1.1846,
7.9933

20.2781, -1.1001,
0.2182

15.1365, 1.7609,
8.3455

20.9353, -1.1225,
-1.2829

■ 14.6566, 2.3561,
8.6776

■ 21.6069, -1.0953,
-2.8791

■ 14.3697, 2.7149,
8.9021

■ 22.2921, -1.0213,
-4.5645

■ 22.9904, -0.9030,
-6.3333

■ 23.7011, -0.7431,
-8.1801

Harmonies

Analogous

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



17.8076, 2.0971, 4.4682



17.8072, -0.4576, 5.1371



17.8076, -3.0047, 4.8288

Triad

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



17.8076, -0.4582, 5.1373



17.8076, -5.3407, -1.1484



17.8076, 3.3710, -2.0727

Complementary

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



17.8072, -0.4576, 5.1371



15.7484, -0.6129, -4.3923

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.



17.8076, 1.2000, -4.0109



17.8072, -0.4576, 5.1371



17.8076, -3.8072, -3.4251

Square

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



17.8076, -0.4582, 5.1373



17.8076, -5.7277, 1.4294



17.8076, -1.4388, -4.5386



17.8076, 4.3889, 0.4966

Rectangle

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



17.8072, -0.4576, 5.1371



17.8076, -4.3692, 4.0833



17.8076, -1.4388, -4.5386



17.8076, 2.7459, -2.8338

Sweetspot

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



17.8076, -0.4582, 5.1373



25.2766, -1.2440, 3.2613



15.3229, 5.2489, 0.2050



13.5139, -0.6615, 1.7882



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.



17.8076, -0.4582, 5.1373



22.7241, -0.2298, 7.8759



19.3397, -3.7754, 6.4850



10.5046, -0.5290, 1.1941



22.9995, 5.5880, 14.2700



57.8222, 17.5622, 35.9372

Inverse Universe

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



15.7484, -0.6129, -4.3923



19.3244, -0.4362, -7.9501



14.2978, 2.6985, -6.6573



10.2228, -0.5554, -0.1004



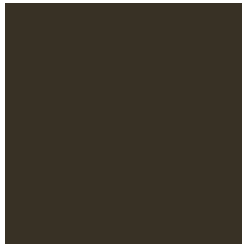
13.7936, 8.0804, -34.6840



33.1392, 26.8504, -99.3835

Previews

White Background



This preview shows how the HunterLab color 17.8072, -0.4576, 5.1371 looks on a white background.

Color Contrast Check

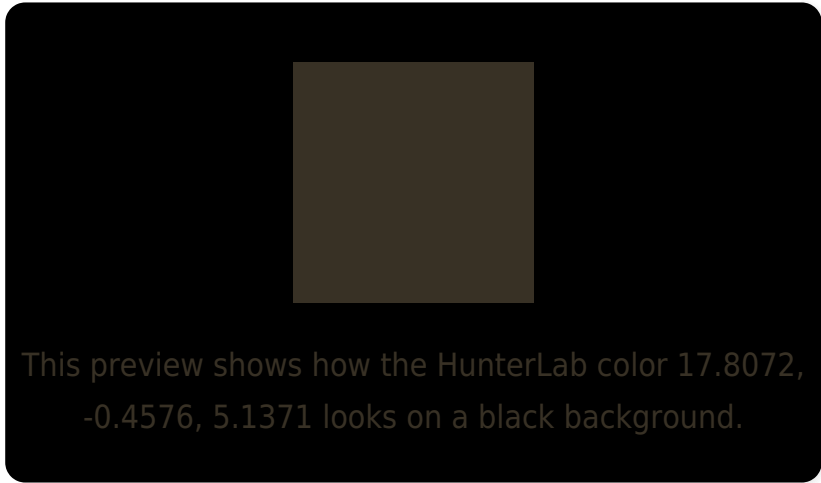
Large Text (above 18pt) WCAG AA ✓ Pass

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

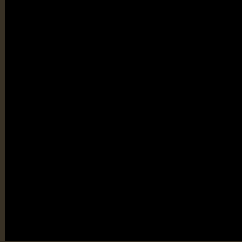
Any Text WCAG AA × Fail

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 17.8072, -0.4576, 5.1371 Background



This preview shows how black text looks on a background with the HunterLab color 17.8072, -0.4576, 5.1371.

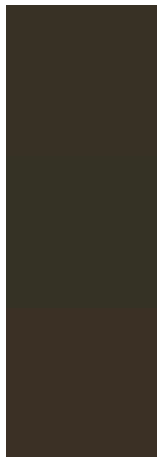


This preview shows how white text looks on a background with the HunterLab color 17.8072, -0.4576,

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

17.8072, -0.4576, 5.1371

Protanopia

17.8092, -1.6712, 5.1177

Deuteranopia

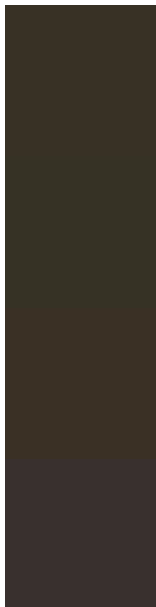
17.8249, 0.7964, 5.1758



Tritanopia

17.8090, 2.5015, 0.5906

Trichromacy



Original Color

17.8072, -0.4576, 5.1371

Protanomaly

17.8859, -1.4019, 5.1947

Deuteranomaly

17.7398, 0.5081, 5.0904

Tritanomaly

17.8354, 1.1889, 2.4184

Monochromacy



Original Color

17.8072, -0.4576, 5.1371

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8906, -1.0730, 2.7778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8072, -0.4576, 5.1371 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(56, 49, 37)` looks like.

```
.text, #text, p{  
    color:rgb(56, 49, 37)  
}
```

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(56, 49, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 49, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8072, -0.4576, 5.1371 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(56, 49, 37) }
```


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

```
.border{ border-color:rgb(56, 49, 37) }
```

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

Here you see how a box with a 4 pixel rgb(56, 49, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 49, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 49, 37);  
box-shadow:4px 4px 4px 4px rgb(56, 49, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8072, -0.4576, 5.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 49, 37) }
```

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

```
.background{ background-color: rgb(56, 49,  
37) }
```

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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