

Converting Colors

HunterLab(17.7317, -2.9025,
4.8156)

Have a look what the booklet for
HunterLab(17.7317, -2.9025, 4.8156)
contains.

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Color

**HunterLab(17.7780, -2.9950,
4.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	313326
RGB	49, 51, 38
RGB Percent	19%, 20%, 15%
CMY	0.8078, 0.8000, 0.8510
CMYK	0.04, 0.00, 0.25, 0.80
HSL	69°, 15%, 17%
HSV	69°, 25%, 20%
XYZ	2.8003, 3.1606, 2.2962
YIQ	48.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

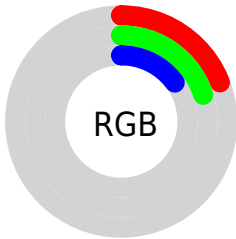
Format	Color
RYB	38, 51, 40
Decimal	3224358
CIELab	20.68, -3.66, 7.98
CIElCh	21, 8.777, 114.632
Yxy	3.1607, 0.3391, 0.3828
Android (android.graphics.Color)	4281414438 (0xFF313326)
YUV	48.9200, -5.3836, 0.0702
Hunter-Lab	17.7780, -2.9950, 4.7868

Details

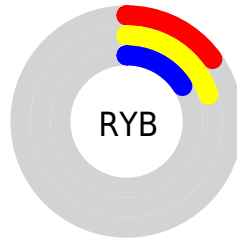
The HunterLab color **17.7780, -2.9950, 4.7868** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.4099, 1.6119, -3.9799**, and the grayscale version is **17.5156, -0.9346, 0.9517**.

A 20% lighter version of the original color is **34.0688, -4.3167, 6.6755**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.6371, -3.6795, 5.9911**, and if you desaturate by 10%, it is **17.9321, -2.2491, 3.4216**.

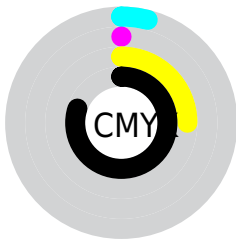
Distribution



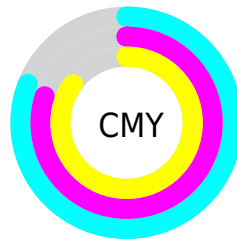
- Red (19%)
- Green (20%)
- Blue (15%)



- Red (15%)
- Yellow (20%)
- Blue (16%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7780, -2.9950, 4.7868 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 17.7780, -2.9950, 4.7868 by changing the saturation by 10% instead.

■ 17.7780, -2.9950,
4.7868

■ 17.7780, -2.9950,
4.7868

■ 114.1186, -9.9608,
13.9943

■ 11.0282, -2.3187,
3.7998

■ 34.1520, -4.3884,
6.8306

■ 2.7364, -4.7887,
1.9155

■ 43.5784, -5.1152,
7.8326

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7409, -5.8647,
8.8353

0.0000, NaN, NaN

■ 64.5898, -6.6375,
9.8442

0.0000, NaN, NaN

■ 76.0840, -7.4337,
10.8626

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1892, -8.2532,

11.8928

0.0000, NaN, NaN

100.8759, -9.0956,
12.9364

17.7780, -2.9950,
4.7868

17.7780, -2.9950,
4.7868

17.6371, -3.6795,
5.9911

17.9321, -2.2491,
3.4216

17.5080, -4.3010,
7.0350

18.0985, -1.4408,
1.8951

17.3908, -4.8605,
7.9209

18.2776, -0.5715,
0.2086

17.2851, -5.3589,
8.6526

18.4694, 0.3575,
-1.6357

17.1906, -5.7980,
9.2356

18.6740, 1.3447,
-3.6348

■ 17.1053, -6.1873,
9.6954

■ 18.8913, 2.3881,
-5.7849

■ 17.0217, -6.5703,
10.1437

■ 19.1213, 3.4858,
-8.0817

■ 16.9842, -6.7431,
10.3476

■ 19.3639, 4.6356,
-10.5204

■ 19.6189, 5.8351,
-13.0957

Harmonies

Analogous

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



17.7784, -0.4771, 5.0988



17.7780, -2.9950, 4.7868



17.7784, -4.8638, 3.5178

Triad

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



17.7784, -2.9955, 4.7870



17.7784, -3.7652, -3.3873



17.7784, 4.3341, 0.5148

Complementary

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



17.7780, -2.9950, 4.7868



14.4099, 1.6119, -3.9799

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.



17.7784, 3.3356, -2.0269



17.7780, -2.9950, 4.7868



17.7784, -1.4171, -4.4785

Square

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



17.7784, -2.9955, 4.7870



17.7784, -5.2899, -1.1417



17.7784, 1.1933, -3.9479



17.7784, 3.8517, 2.8467

Rectangle

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



17.7780, -2.9950, 4.7868



17.7784, -5.5393, 2.1883



17.7784, 1.1933, -3.9479



17.7784, 4.1589, -0.3460

Sweetspot

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



17.7784, -2.9955, 4.7870



23.2569, -2.1696, 3.0392



15.3560, 1.8656, 2.4147



12.2734, -1.1757, 1.6619



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.7784, -2.9955, 4.7870



22.7774, -4.4968, 7.2963



17.3542, -4.5394, 4.3491



9.9324, -0.9177, 1.2811



29.5008, -12.0852, 17.9667



77.2084, -32.5383, 47.0058

Inverse Universe

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



14.4099, 1.6119, -3.9799



17.2683, 3.0829, -7.1620



14.8885, 3.1730, -3.2434



9.3242, -0.0918, -0.2857



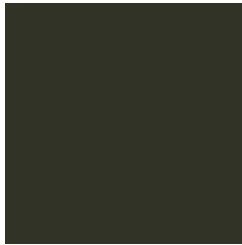
9.0375, 23.5042, -56.3853



23.0785, 61.1731, -152.9182

Previews

White Background



This preview shows how the HunterLab color 17.7780, -2.9950, 4.7868 looks on a white background.

Color Contrast Check

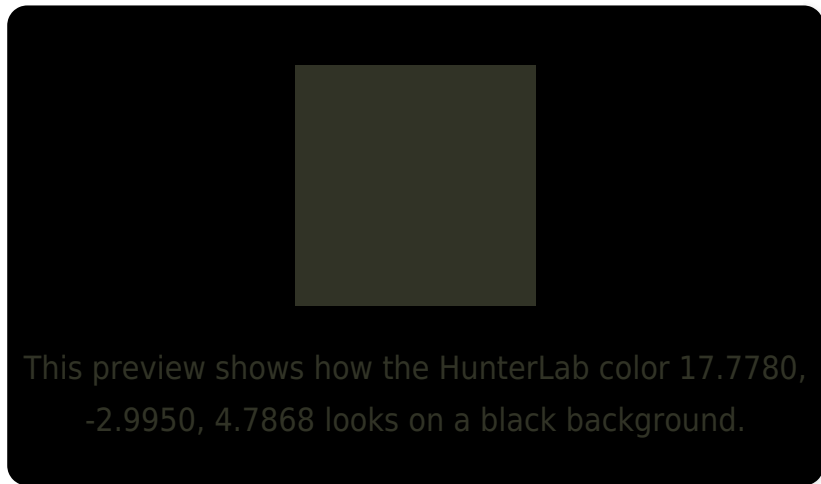
Large Text (above 18pt) WCAG AA ✓ Pass

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

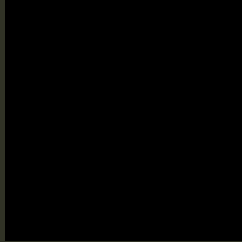
Any Text WCAG AA × Fail

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 17.7780, -2.9950, 4.7868 Background



This preview shows how black text looks on a background with the HunterLab color 17.7780, -2.9950, 4.7868.



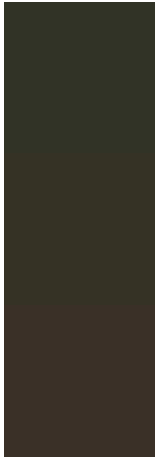
This preview shows how white text looks on a background with the HunterLab color 17.7780, -2.9950,

4.7868.

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

17.7780, -2.9950, 4.7868

Protanopia

17.8092, -1.6712, 5.1177

Deuteranopia

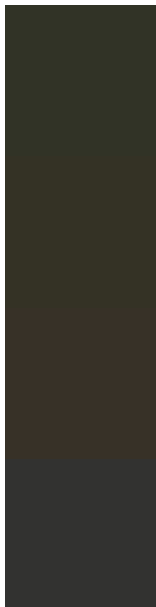
17.7762, 0.7041, 4.5639



Tritanopia

17.7693, 0.1064, -0.2872

Trichromacy



Original Color

17.7780, -2.9950, 4.7868

Protanomaly

17.7337, -1.9373, 5.0418

Deuteranomaly

17.7633, -0.5366, 4.5295

Tritanomaly

17.8121, -1.2127, 1.6466

Monochromacy



Original Color

17.7780, -2.9950, 4.7868

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6738, -1.8332, 2.5300

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7780, -2.9950, 4.7868 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(49, 51, 38)` looks like.

```
.text, #text, p{  
    color:rgb(49, 51, 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(49, 51, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 51, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7780, -2.9950, 4.7868 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(49, 51, 38) }
```


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

```
.border{ border-color:rgb(49, 51, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 51, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 51, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 51, 38);  
box-shadow:4px 4px 4px 4px rgb(49, 51, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7780, -2.9950, 4.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 51, 38) }
```

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

```
.background{ background-color: rgb(49, 51,  
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](#).

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