

Converting Colors

HunterLab(16.7534, -2.3976,
1.4207)

Have a look what the booklet for
HunterLab(16.7534, -2.3976, 1.4207)
contains.

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Color

**HunterLab(16.7838, -2.4978,
1.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	2B302D
RGB	43, 48, 45
RGB Percent	17%, 19%, 18%
CMY	0.8314, 0.8118, 0.8235
CMYK	0.10, 0.00, 0.06, 0.81
HSL	144°, 5%, 18%
HSV	144°, 10%, 19%
XYZ	2.5269, 2.8170, 2.8932
YIQ	46.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

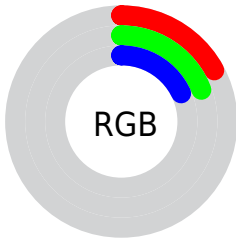
Format	Color
RYB	43, 47, 48
Decimal	2830381
CIELab	19.30, -2.91, 1.17
CIElCh	19, 3.136, 158.018
Yxy	2.8171, 0.3068, 0.3420
Android (android.graphics.Color)	4281020461 (0xFF2B302D)
YUV	46.1630, -0.5734, -2.7740
Hunter-Lab	16.7838, -2.4978, 1.5283

Details

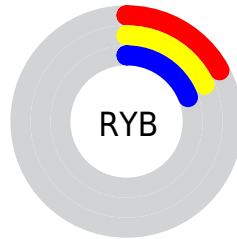
The HunterLab color **16.7838, -2.4978, 1.5283** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.9795, 0.8116, 0.2698**, and the grayscale version is **16.5855, -0.8850, 0.9011**.

A 20% lighter version of the original color is **32.9172, -3.8363, 2.3890**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.4254, -3.9255, 2.1048**, and if you desaturate by 10%, it is **17.1755, -0.9826, 0.9578**.

Distribution



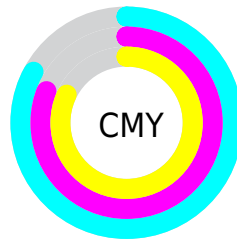
- Red (17%)
- Green (19%)
- Blue (18%)



- Red (17%)
- Yellow (18%)
- Blue (19%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7838, -2.4978, 1.5283 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 16.7838, -2.4978, 1.5283 by changing the saturation by 10% instead.

■ 16.7838, -2.4978,
1.5283

■ 16.7838, -2.4978,
1.5283

112.2583, -9.0555,
7.2854

■ 10.1833, -1.8896,
1.0709

■ 32.9119, -3.7766,
2.5666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.2320, -4.4535,
3.1427

0.0000, NaN, NaN

■ 52.2962, -5.1566,
3.7541

0.0000, NaN, NaN

■ 63.0529, -5.8858,
4.3990

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4602, -6.6408,
5.0759

0.0000, NaN, NaN

■ 86.4829, -7.4211,

0.0000, NaN, NaN

5.7834

99.0909, -8.2262,
6.5202

16.7838, -2.4978,
1.5283

16.7838, -2.4978,
1.5283

16.4254, -3.9255,
2.1048

17.1755, -0.9826,
0.9578

16.0999, -5.2548,
2.6830

17.5984, 0.6113,
0.3958

15.8083, -6.4767,
3.2591

18.0518, 2.2739,
-0.1550

15.5508, -7.5830,
3.8286

18.5346, 3.9959,
-0.6924

15.3274, -8.5666,
4.3867

19.0455, 5.7689,
-1.2150

■ 15.1376, -9.4226,
4.9286

■ 19.5832, 7.5850,
-1.7214

■ 14.9805, -10.1492,
5.4493

■ 20.1465, 9.4372,
-2.2111

■ 14.8373, -10.8190,
5.9285

■ 20.7341, 11.3194,
-2.6836

■ 14.7028, -11.4495,
6.3389

■ 21.3447, 13.2262,
-3.1387

Harmonies

Analogous

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



16.7842, -1.9672, 2.1803



16.7838, -2.4978, 1.5283



16.7842, -2.6046, 0.6783

Triad

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



16.7842, -2.4982, 1.5285



16.7842, -0.6502, -0.8310



16.7842, 0.5133, 1.9128

Complementary

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



16.7838, -2.4978, 1.5283



15.9795, 0.8116, 0.2698

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.



16.7842, 0.8829, 1.1455



16.7838, -2.4978, 1.5283



16.7842, 0.2018, -0.4602

Square

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



16.7842, -2.4982, 1.5285



16.7842, -1.5505, -0.7149



16.7842, 0.7676, 0.2745



16.7842, -0.2323, 2.3937

Rectangle

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



16.7838, -2.4978, 1.5283



16.7842, -2.4227, 0.1076



16.7842, 0.7676, 0.2745



16.7842, 0.6864, 1.6815

Sweetspot

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



16.7842, -2.4982, 1.5285



21.5108, -1.7714, 1.4032



16.9447, -2.0159, 2.4089



11.4847, -0.9869, 0.7648



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



16.7842, -2.4982, 1.5285



21.0050, -3.7460, 2.1621



16.8411, -2.1811, 0.7150



9.0708, -1.1516, 0.7477



26.2438, -20.8793, 12.2700



69.9007, -56.5353, 34.6738

Inverse Universe

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



15.9795, 0.8116, 0.2698



19.6790, 1.7101, 0.0884



15.9214, 0.4989, 1.0979



8.7370, 0.2209, 0.2256



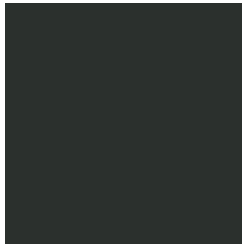
15.0332, 27.3954, -3.0811



39.8732, 72.2277, -4.8048

Previews

White Background



This preview shows how the HunterLab color 16.7838, -2.4978, 1.5283 looks on a white background.

Color Contrast Check

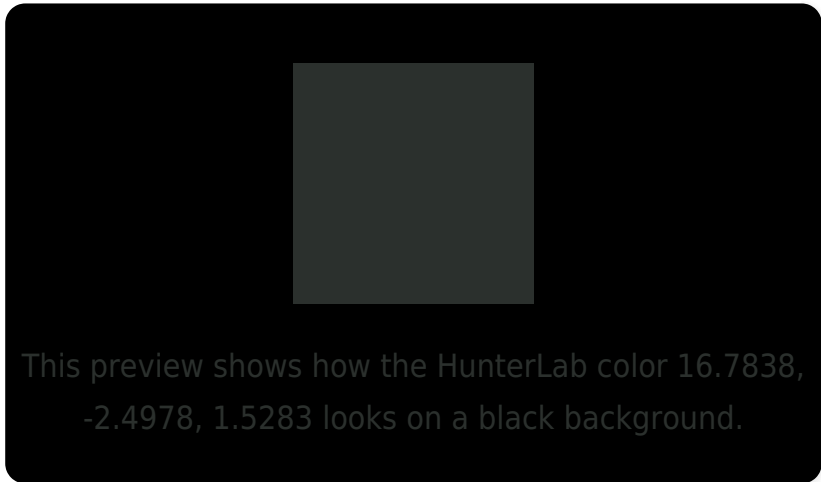
Large Text (above 18pt) WCAG AA ✓ Pass

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

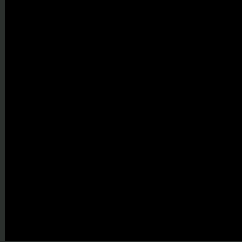
Any Text WCAG AA × Fail

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 16.7838, -2.4978, 1.5283 Background



This preview shows how black text looks on a background with the HunterLab color 16.7838, -2.4978, 1.5283.

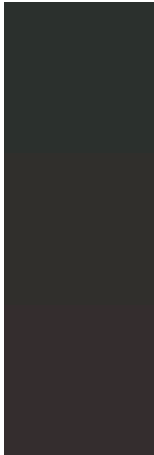


This preview shows how white text looks on a background with the HunterLab color 16.7838, -2.4978,

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

16.7838, -2.4978, 1.5283

Protanopia

16.8620, -1.0316, 1.9936

Deuteranopia

16.7454, 1.0509, 1.1850



Tritanopia

16.7557, -1.0622, -0.7763

Trichromacy



Original Color

16.7838, -2.4978, 1.5283

Protanomaly

16.7204, -1.5272, 1.8267

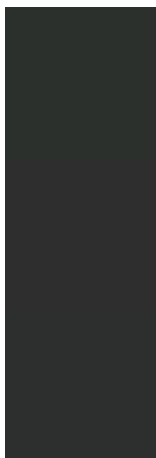
Deuteranomaly

16.7458, -0.1329, 1.1647

Tritanomaly

16.7041, -1.3458, -0.0443

Monochromacy



Original Color

16.7838, -2.4978, 1.5283

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6978, -1.5143, 1.0847

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7838, -2.4978, 1.5283 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(43, 48, 45)` looks like.

```
.text, #text, p{  
    color:rgb(43, 48, 45)  
}
```

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(43, 48, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 48, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7838, -2.4978, 1.5283 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(43, 48, 45) }
```


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

```
.border{ border-color:rgb(43, 48, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 48, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 48, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 48, 45);  
box-shadow:4px 4px 4px 4px rgb(43, 48, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7838, -2.4978, 1.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 48, 45) }
```

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

```
.background{ background-color: rgb(43, 48,  
45) }
```

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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