

Converting Colors

HunterLab(15.3444, -2.1519,
2.1405)

Have a look what the booklet for
HunterLab(15.3444, -2.1519, 2.1405)
contains.

HunterLab(15.2491, -2.0438, 1.8976)	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(15.2491, -2.0438,
1.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	282B27
RGB	40, 43, 39
RGB Percent	16%, 17%, 15%
CMY	0.8431, 0.8314, 0.8471
CMYK	0.07, 0.00, 0.09, 0.83
HSL	105°, 5%, 16%
HSV	105°, 9%, 17%
XYZ	2.1052, 2.3254, 2.2573
YIQ	41.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

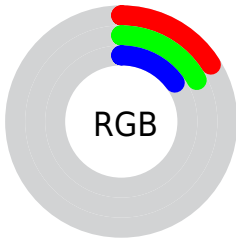
Format	Color
RYB	39, 43, 42
Decimal	2632487
CIELab	17.11, -2.30, 2.14
CIELCh	17, 3.142, 136.992
Yxy	2.3255, 0.3148, 0.3477
Android (android.graphics.Color)	4280822567 (0xFF282B27)
YUV	41.6470, -1.3050, -1.4444
Hunter-Lab	15.2491, -2.0438, 1.8976

Details

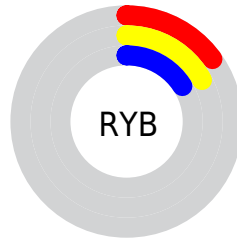
The HunterLab color **15.2491, -2.0438, 1.8976** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.5525, 0.4939, -0.3362**, and the grayscale version is **15.1058, -0.8060, 0.8207**.

A 20% lighter version of the original color is **30.9044, -3.0456, 2.8985**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9552, -3.2820, 2.9460**, and if you desaturate by 10%, it is **15.5659, -0.7362, 0.7628**.

Distribution



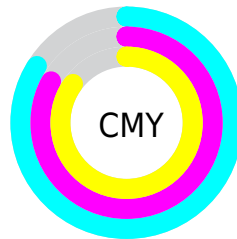
- Red (16%)
- Green (17%)
- Blue (15%)



- Red (15%)
- Yellow (17%)
- Blue (16%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (83%)



- Cyan (84%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2491, -2.0438, 1.8976 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 15.2491, -2.0438, 1.8976 by changing the saturation by 10% instead.

■ 15.2491, -2.0438,
1.8976

■ 15.2491, -2.0438,
1.8976

109.3336, -8.2389,
8.0680

■ 8.8720, -1.6024,
1.4843

■ 30.9798, -3.2216,
3.0581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.1293, -3.8541,
3.6853

0.0000, NaN, NaN

■ 50.0356, -4.5159,
4.3434

0.0000, NaN, NaN

■ 60.6448, -5.2063,
5.0317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9131, -5.9246,
5.7492

0.0000, NaN, NaN

■ 83.8040, -6.6700,

0.0000, NaN, NaN

6.4950

96.2864, -7.4417,
7.2682

15.2491, -2.0438,
1.8976

15.2491, -2.0438,
1.8976

14.9552, -3.2820,
2.9460

15.5659, -0.7362,
0.7628

14.6837, -4.4431,
3.9017

15.9039, 0.6355,
-0.4533

14.4353, -5.5214,
4.7602

16.2629, 2.0644,
-1.7444

14.2104, -6.5110,
5.5174

16.6420, 3.5444,
-3.1045

14.0090, -7.4071,
6.1704

17.0407, 5.0695,
-4.5276

■ 13.8312, -8.2055,
6.7177

■ 17.4580, 6.6344,
-6.0081

■ 13.6764, -8.9052,
7.1635

■ 17.8933, 8.2340,
-7.5406

■ 13.5383, -9.5410,
7.5968

■ 18.3458, 9.8638,
-9.1201

■ 13.4143, -10.1260,
8.0506

■ 18.8147, 11.5197,
-10.7419

Harmonies

Analogous

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



15.2494, -1.3107, 2.3044



15.2491, -2.0438, 1.8976



15.2494, -2.4441, 1.1915

Triad

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



15.2494, -2.0442, 1.8978



15.2494, -1.1972, -0.8403



15.2494, 0.8545, 1.2975

Complementary

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



15.2491, -2.0438, 1.8976



14.5525, 0.4939, -0.3362

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.



15.2494, 0.8866, 0.4596



15.2491, -2.0438, 1.8976



15.2494, -0.3119, -0.8079

Square

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



15.2494, -2.0442, 1.8978



15.2494, -1.9627, -0.4072



15.2494, 0.4554, -0.3210



15.2494, 0.3688, 1.9716

Rectangle

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



15.2491, -2.0438, 1.8976



15.2494, -2.4739, 0.6308



15.2494, 0.4554, -0.3210



15.2494, 0.9191, 1.0266

Sweetspot

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



15.2494, -2.0442, 1.8978



19.7888, -1.6038, 1.5546



15.2188, -0.9402, 1.8832



10.7123, -0.9011, 0.8702



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



15.2494, -2.0442, 1.8978



19.4521, -3.0036, 2.7605



15.2065, -2.1528, 1.5052



8.3459, -1.0146, 0.9490



25.5416, -20.2944, 15.3833



69.0407, -56.3957, 41.5552

Inverse Universe

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



14.5525, 0.4939, -0.3362



18.3342, 1.0684, -0.8244



14.6009, 0.6079, 0.1123



8.0243, 0.1566, -0.0819



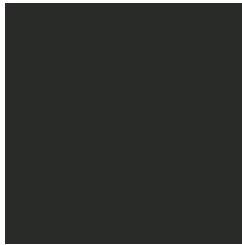
13.0506, 27.2721, -29.7263



34.7590, 73.1502, -83.1529

Previews

White Background



This preview shows how the HunterLab color 15.2491, -2.0438, 1.8976 looks on a white background.

Color Contrast Check

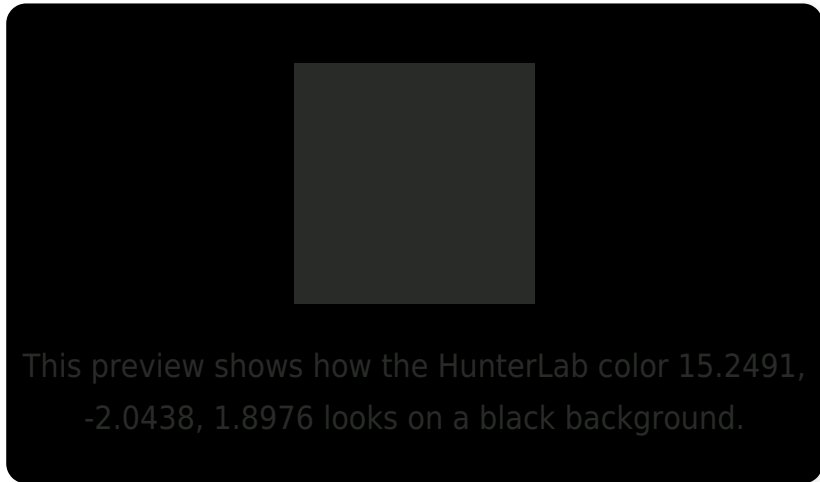
Large Text (above 18pt) WCAG AA ✓ Pass

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

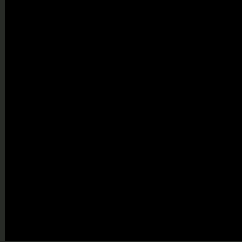
Any Text WCAG AA × Fail

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 15.2491, -2.0438, 1.8976 Background



This preview shows how black text looks on a background with the HunterLab color 15.2491, -2.0438, 1.8976.



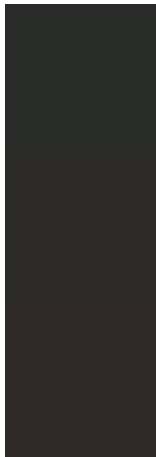
This preview shows how white text looks on a background with the HunterLab color 15.2491, -2.0438,

1.8976.

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

15.2491, -2.0438, 1.8976

Protanopia

15.2687, -0.8079, 2.2739

Deuteranopia

15.2863, 0.4736, 1.9827



Tritanopia

15.2211, -0.6486, -0.3027

Trichromacy



Original Color

15.2491, -2.0438, 1.8976

Protanomaly

15.1969, -1.0583, 2.1916

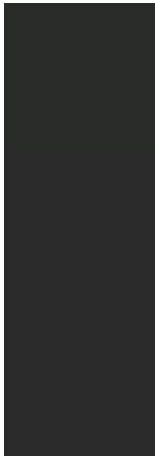
Deuteranomaly

15.2901, -0.6907, 1.9666

Tritanomaly

15.1716, -0.9197, 0.4009

Monochromacy



Original Color

15.2491, -2.0438, 1.8976

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1243, -1.1795, 1.0750

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2491, -2.0438, 1.8976 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(40, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(40, 43, 39)  
}
```

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(40, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 43, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2491, -2.0438, 1.8976 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(40, 43, 39) }
```


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

```
.border{ border-color:rgb(40, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(40, 43, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2491, -2.0438, 1.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 43, 39) }
```

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

```
.background{ background-color: rgb(40, 43,  
39) }
```

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