

Converting Colors

HunterLab(15.4357, -2.4880,
-0.3630)

Have a look what the booklet for
HunterLab(15.4357, -2.4880,
-0.3630) contains.

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Color

**HunterLab(15.4068, -2.3840,
-0.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	242C2E
RGB	36, 44, 46
RGB Percent	14%, 17%, 18%
CMY	0.8588, 0.8274, 0.8196
CMYK	0.22, 0.04, 0.00, 0.82
HSL	192°, 12%, 16%
HSV	192°, 22%, 18%
XYZ	2.1214, 2.3737, 2.9311
YIQ	41.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

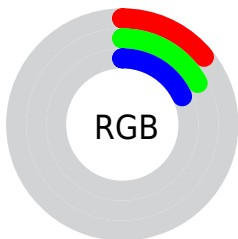
Format	Color
RYB	36, 40, 46
Decimal	2370606
CIELab	17.34, -2.92, -2.46
CIELCh	17, 3.819, 220.133
Yxy	2.3738, 0.2857, 0.3196
Android (android.graphics.Color)	4280560686 (0xFF242C2E)
YUV	41.8360, 2.0529, -5.1182
Hunter-Lab	15.4068, -2.3840, -0.4951

Details

The HunterLab color **15.4068, -2.3840, -0.4951** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.4722, 1.0473, 2.0980**, and the grayscale version is **15.1579, -0.8088, 0.8236**.

A 20% lighter version of the original color is **31.0915, -3.3285, -0.2082**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9282, -2.9607, -1.1191**, and if you desaturate by 10%, it is **15.9099, -1.7333, 0.1407**.

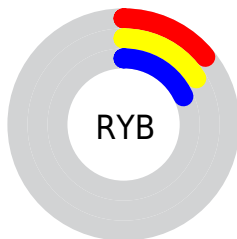
Distribution



Red (14%)

Green (17%)

Blue (18%)



Red (14%)

Yellow (16%)

Blue (18%)

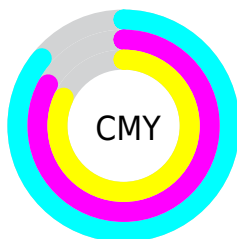


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (82%)



Cyan (86%)

Magenta (83%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4068, -2.3840, -0.4951 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 15.4068, -2.3840, -0.4951 by changing the saturation by 10% instead.

■ 15.4068, -2.3840,
-0.4951

■ 15.4068, -2.3840,
-0.4951

■ 109.6372, -8.9041,
3.4812

■ 9.0131, -1.8931,
-0.6611

■ 31.1794, -3.6554,
0.0370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.3468, -4.3280,
0.3947

0.0000, NaN, NaN

■ 50.2697, -5.0267,
0.8037

0.0000, NaN, NaN

■ 60.8944, -5.7515,
1.2592

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1773, -6.5021,
1.7575

0.0000, NaN, NaN

■ 84.0820, -7.2781,

0.0000, NaN, NaN

2.2956

96.5775, -8.0789,
2.8708

15.4068, -2.3840,
-0.4951

15.4068, -2.3840,
-0.4951

14.9282, -2.9607,
-1.1191

15.9099, -1.7333,
0.1407

14.4741, -3.4569,
-1.7297

16.4355, -1.0136,
0.7852

14.0457, -3.8674,
-2.3239

16.9830, -0.2310,
1.4369

13.6436, -4.1873,
-2.8989

17.5513, 0.6092,
2.0939

13.2683, -4.4126,
-3.4517

18.1393, 1.5019,
2.7550

■ 12.9182, -4.5476,
-3.9828

■ 18.7462, 2.4422,
3.4189

■ 12.5709, -4.6762,
-4.5269

■ 19.3710, 3.4258,
4.0848

■ 12.2810, -4.7967,
-4.9954

■ 20.0126, 4.4487,
4.7518

■ 20.6704, 5.5072,
5.4193

Harmonies

Analogous

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



15.4071, -2.8214, 0.4857



15.4068, -2.3840, -0.4951



15.4071, -1.5248, -1.1450

Triad

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



15.4071, -2.3843, -0.4949



15.4071, 1.1867, 0.1495



15.4071, -1.1879, 2.6655

Complementary

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



15.4068, -2.3840, -0.4951



14.4722, 1.0473, 2.0980

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.



15.4071, -0.1082, 2.5892



15.4068, -2.3840, -0.4951



15.4071, 1.2830, 1.1834

Square

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



15.4071, -2.3843, -0.4949



15.4071, 0.5437, -0.7555



15.4071, 0.8032, 2.0627



15.4071, -2.1435, 2.2788

Rectangle

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



15.4068, -2.3840, -0.4951



15.4071, -0.8181, -1.2787



15.4071, 0.8032, 2.0627



15.4071, -0.8278, 2.6925

Sweetspot

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



15.4071, -2.3843, -0.4949



20.2990, -1.7953, 0.5298



15.7098, -4.1792, 2.7394



11.3138, -0.9892, 0.3047



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.



15.4071, -2.3843, -0.4949



19.0376, -3.4203, -1.0675



14.2632, -0.5350, -1.9651



9.0007, -0.8269, 0.2093



22.3265, -8.2202, -10.1611



58.4240, -20.3694, -29.0533

Inverse Universe

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



14.2285, 2.8536, -1.1124



17.1984, 4.8338, -2.0404



15.5689, -0.8412, 3.2224



8.7473, 0.2761, 0.0799



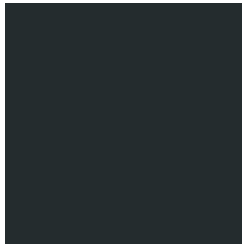
15.6399, 29.5602, -11.4161



41.5703, 78.2979, -28.2337

Previews

White Background



This preview shows how the HunterLab color 15.4068, -2.3840, -0.4951 looks on a white background.

Color Contrast Check

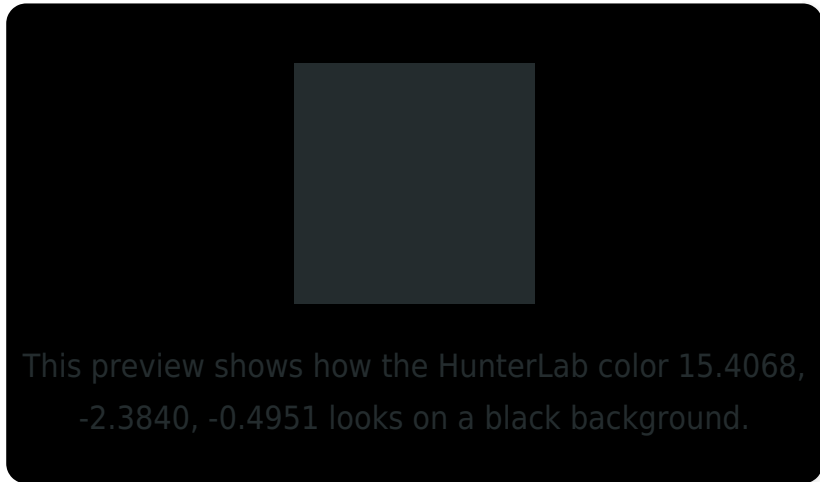
Large Text (above 18pt) WCAG AA ✓ Pass

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

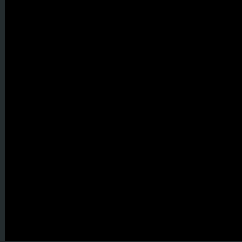
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

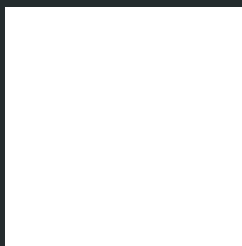
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.4068, -2.3840, -0.4951 Background



This preview shows how black text looks on a background with the HunterLab color 15.4068, -2.3840, -0.4951.



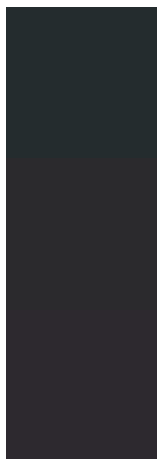
This preview shows how white text looks on a background with the HunterLab color 15.4068, -2.3840, -0.4951.

-0.4951.

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

15.4068, -2.3840, -0.4951

Protanopia

15.3590, -0.1726, -0.1225

Deuteranopia

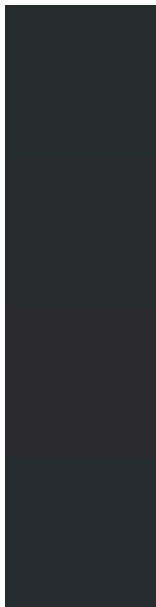
15.3264, 0.9932, -0.9421



Tritanopia

15.4327, -2.2397, -0.8617

Trichromacy



Original Color

15.4068, -2.3840, -0.4951

Protanomaly

15.3894, -1.2677, -0.1040

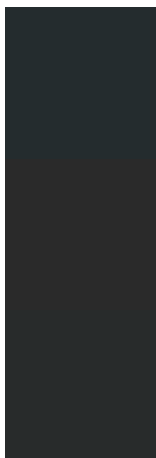
Deuteranomaly

15.3408, -0.1322, -0.9432

Tritanomaly

15.4327, -2.2397, -0.8617

Monochromacy



Original Color

15.4068, -2.3840, -0.4951

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3404, -1.5377, 0.5924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4068, -2.3840, -0.4951 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(36, 44, 46)` looks like.

```
.text, #text, p{  
    color:rgb(36, 44, 46)  
}
```

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(36, 44, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 44, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4068, -2.3840, -0.4951 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(36, 44, 46) }
```


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

```
.border{ border-color:rgb(36, 44, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 44, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 44, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 44, 46);  
box-shadow:4px 4px 4px 4px rgb(36, 44, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4068, -2.3840, -0.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 44, 46) }
```

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

```
.background{ background-color: rgb(36, 44,  
46) }
```

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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