

Converting Colors

HunterLab(15.4856, 2.8595,
-2.2878)

Have a look what the booklet for
HunterLab(15.4856, 2.8595, -2.2878)
contains.

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Color

**HunterLab(15.5228, 2.9971,
-2.3452)**

Conversions

Conversions Part 1

Format	Color
Hex	312833
RGB	49, 40, 51
RGB Percent	19%, 16%, 20%
CMY	0.8078, 0.8431, 0.8000
CMYK	0.04, 0.22, 0.00, 0.80
HSL	289°, 12%, 18%
HSV	289°, 22%, 20%
XYZ	2.6230, 2.4096, 3.4588
YIQ	43.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

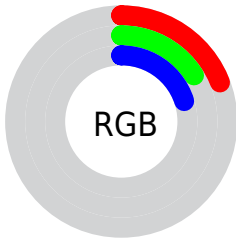
Format	Color
R_{YB}	49, 40, 51
Decimal	3221555
CIE _{Lab}	17.51, 6.68, -5.57
CIE _{LCh}	18, 8.700, 320.154
Yxy	2.4097, 0.3089, 0.2838
Android (android.graphics.Color)	4281411635 (0xFF312833)
YUV	43.9450, 3.4781, 4.4332
Hunter-Lab	15.5228, 2.9971, -2.3452

Details

The HunterLab color **15.5228, 2.9971, -2.3452** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.3585, -4.4456, 3.7612**, and the grayscale version is **15.8412, -0.8452, 0.8607**.

A 20% lighter version of the original color is **31.2937, 2.9920, -2.0914**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **14.3717, 4.8826, -3.9799**, and if you desaturate by 10%, it is **16.7327, 1.1386, -0.7674**.

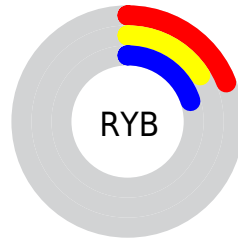
Distribution



Red (19%)

Green (16%)

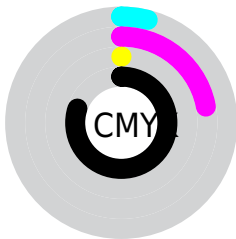
Blue (20%)



Red (19%)

Yellow (16%)

Blue (20%)

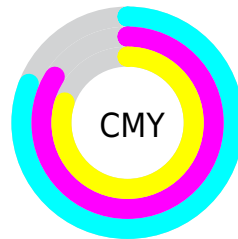


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (80%)



Cyan (81%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5228, 2.9971, -2.3452 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 15.5228, 2.9971, -2.3452 by changing the saturation by 10% instead.

■ 15.5228, 2.9971,
-2.3452

■ 15.5228, 2.9971,
-2.3452

■ 109.8602, 1.2365,
0.2633

■ 9.1152, 2.8031,
-2.2929

■ 31.3261, 3.0797,
-2.1867

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.5066, 2.9911,
-1.9957

0.0000, NaN, NaN

■ 50.4416, 2.8332,
-1.7428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.0777, 2.6144,
-1.4347

0.0000, NaN, NaN

■ 72.3712, 2.3409,
-1.0763

0.0000, NaN, NaN

■ 84.2860, 2.0175,

0.0000, NaN, NaN

-0.6717

96.7912, 1.6483,
-0.2243

15.5228, 2.9971,
-2.3452

15.5228, 2.9971,
-2.3452

14.3717, 4.8826,
-3.9799

16.7327, 1.1386,
-0.7674

13.2866, 6.7858,
-5.6703

17.9932, -0.6877,
0.7548

12.2780, 8.6860,
-7.4066

19.2988, -2.4816,
2.2262

11.3573, 10.5486,
-9.1675

20.6447, -4.2447,
3.6519

10.5371, 12.3202,
-10.9146

22.0266, -5.9799,
5.0374

■ 9.8294, 13.9288,
-12.5913

■ 23.4414, -7.6901,
6.3880

■ 9.1402, 15.6425,
-14.4106

■ 24.8859, -9.3786,
7.7084

■ 8.5178, 17.3930,
-16.2481

■ 26.3578, -11.0483,
9.0029

■ 27.8550, -12.7023,
10.2752

Harmonies

Analogous

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



15.5231, 0.8450, -4.0346



15.5228, 2.9971, -2.3452



15.5231, 4.1441, 0.0507

Triad

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



15.5231, 2.9967, -2.3449



15.5231, -0.0068, 4.6767



15.5231, -5.0493, -0.7973

Complementary

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



15.5228, 2.9971, -2.3452



17.3585, -4.4456, 3.7612

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.



15.5231, -5.2457, 1.5994



15.5228, 2.9971, -2.3452



15.5231, -2.4352, 4.5227

Square

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



15.5231, 2.9967, -2.3449



15.5231, 2.3396, 3.9347



15.5231, -4.3169, 3.4750



15.5231, -3.7624, -3.0486

Rectangle

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



15.5228, 2.9971, -2.3452



15.5231, 4.1391, 1.6222



15.5231, -4.3169, 3.4750



15.5231, -5.2417, 0.0254

Sweetspot

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



15.5231, 2.9967, -2.3449



22.4073, 0.2259, 0.0500



15.3211, -0.0007, -2.6796



11.8347, 0.1140, 0.0308



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.



15.5231, 2.9967, -2.3449



19.1336, 5.2662, -4.2336



15.5914, 3.0273, -0.7757



9.4356, 0.2888, -0.1391



14.6383, 30.0243, -28.9583



37.9257, 78.1237, -77.6214

Inverse Universe

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



15.4553, 2.3123, 1.1603



19.0269, 4.1557, 1.6009



17.3114, -4.4762, 2.6006



9.4203, 0.1431, 0.5675



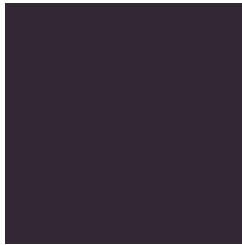
14.7456, 25.5107, 7.5255



38.5521, 66.4088, 21.9109

Previews

White Background



This preview shows how the HunterLab color 15.5228, 2.9971, -2.3452 looks on a white background.

Color Contrast Check

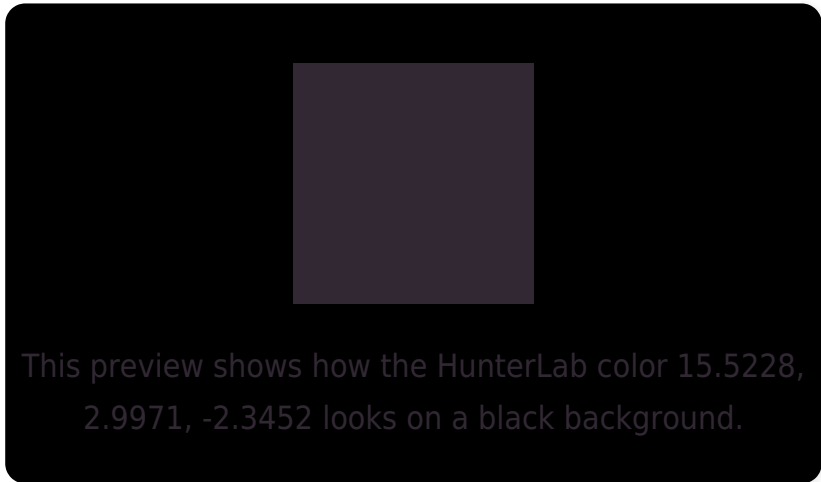
Large Text (above 18pt) WCAG AA ✓ Pass

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

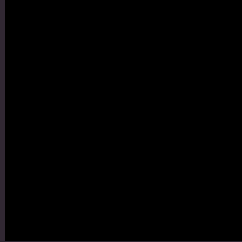
Any Text WCAG AA × Fail

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 15.5228, 2.9971, -2.3452 Background



This preview shows how black text looks on a background with the HunterLab color 15.5228, 2.9971, -2.3452.



This preview shows how white text looks on a background with the HunterLab color 15.5228, 2.9971, -2.3452.

-2.3452.

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

15.5228, 2.9971, -2.3452

Protanopia

15.6723, 0.1467, -3.0823

Deuteranopia

15.5898, 0.9326, -2.2886



Tritanopia

15.4794, 1.3534, 0.4350

Trichromacy



Original Color

15.5228, 2.9971, -2.3452

Protanomaly

15.6184, 1.0857, -2.6901

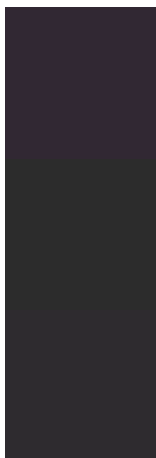
Deuteranomaly

15.5104, 1.8256, -2.3828

Tritanomaly

15.5547, 1.7547, -0.6355

Monochromacy



Original Color

15.5228, 2.9971, -2.3452

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8551, 0.4406, -0.2792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5228, 2.9971, -2.3452 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, 40, 51)` looks like.

```
.text, #text, p{  
    color:rgb(49, 40, 51)  
}
```

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, 40, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 40, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5228, 2.9971, -2.3452 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, 40, 51) }
```


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

```
.border{ border-color:rgb(49, 40, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 40, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 40, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 40, 51);  
box-shadow:4px 4px 4px 4px rgb(49, 40, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5228, 2.9971, -2.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 40, 51) }
```

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

```
.background{ background-color: rgb(49, 40,  
51) }
```

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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