

Converting Colors

HunterLab(15.4413, -0.7221,
2.4596)

Have a look what the booklet for
HunterLab(15.4413, -0.7221, 2.4596)
contains.

HunterLab(15.3420, -0.5538, 2.3574)	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(15.3420, -0.5538,
2.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2A26
RGB	45, 42, 38
RGB Percent	18%, 16%, 15%
CMY	0.8235, 0.8353, 0.8510
CMYK	0.00, 0.07, 0.16, 0.82
HSL	34°, 8%, 16%
HSV	34°, 16%, 18%
XYZ	2.2600, 2.3538, 2.1689
YIQ	42.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

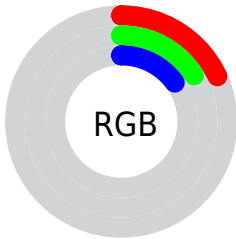
Format	Color
RYB	43, 45, 38
Decimal	2959910
CIELab	17.24, 0.49, 3.10
CIElCh	17, 3.139, 81.112
Yxy	2.3539, 0.3332, 0.3470
Android (android.graphics.Color)	4281149990 (0xFF2D2A26)
YUV	42.4410, -2.1894, 2.2442
Hunter-Lab	15.3420, -0.5538, 2.3574

Details

The HunterLab color **15.3420, -0.5538, 2.3574** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.7898, -0.9482, -0.8558**, and the grayscale version is **15.3666, -0.8199, 0.8349**.

A 20% lighter version of the original color is **31.0887, -1.1004, 3.5303**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8090, -0.3015, 3.2111**, and if you desaturate by 10%, it is **15.8896, -0.7648, 1.4278**.

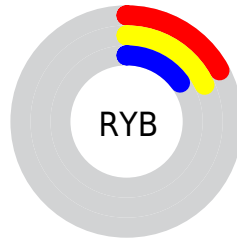
Distribution



Red (18%)

Green (16%)

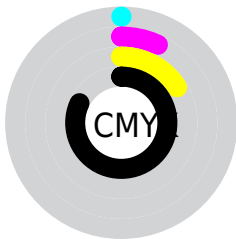
Blue (15%)



Red (17%)

Yellow (18%)

Blue (15%)

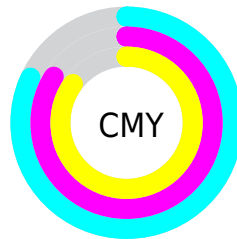


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3420, -0.5538, 2.3574 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 15.3420, -0.5538, 2.3574 by changing the saturation by 10% instead.

■ 15.3420, -0.5538,
2.3574

■ 15.3420, -0.5538,
2.3574

■ 109.5126, -5.3398,
9.0121

■ 8.9555, -0.2423,
1.9232

■ 31.0974, -1.3257,
3.6597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.2575, -1.7850,
4.3466

0.0000, NaN, NaN

■ 50.1736, -2.2869,
5.0597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.7919, -2.8281,
5.7989

0.0000, NaN, NaN

■ 72.0688, -3.4061,
6.5642

0.0000, NaN, NaN

■ 83.9678, -4.0185,

0.0000, NaN, NaN

7.3552

■ 96.4580, -4.6636,
8.1713

■ 15.3420, -0.5538,
2.3574

■ 15.3420, -0.5538,
2.3574

■ 14.8090, -0.3015,
3.2111

■ 15.8896, -0.7648,
1.4278

■ 14.2904, -0.0045,
3.9828

■ 16.4499, -0.9354,
0.4267

■ 13.7873, 0.3389,
4.6670

■ 17.0228, -1.0683,
-0.6406

■ 13.3007, 0.7303,
5.2584

■ 17.6074, -1.1657,
-1.7696

■ 12.8314, 1.1711,
5.7514

■ 18.2031, -1.2298,
-2.9561

■ 12.3803, 1.6621,
6.1415

■ 18.8095, -1.2625,
-4.1960

■ 11.9450, 2.1863,
6.4722

■ 19.4259, -1.2657,
-5.4859

■ 11.5192, 2.7053,
6.8498

■ 20.0519, -1.2414,
-6.8223

■ 11.3330, 2.9336,
7.0347

■ 20.6870, -1.1912,
-8.2022

Harmonies

Analogous

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



15.3423, 0.2695, 2.0487



15.3420, -0.5538, 2.3574



15.3423, -1.4308, 2.2771

Triad

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



15.3423, -0.5542, 2.3576



15.3423, -2.3831, 0.2373



15.3423, 0.5351, -0.2221

Complementary

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



15.3420, -0.5538, 2.3574



14.7898, -0.9482, -0.8558

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.



15.3423, -0.1983, -0.7620



15.3420, -0.5538, 2.3574



15.3423, -1.8788, -0.4865

Square

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



15.3423, -0.5542, 2.3576



15.3423, -2.4734, 1.0845



15.3423, -1.0829, -0.8614



15.3423, 0.9077, 0.5815

Rectangle

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



15.3420, -0.5538, 2.3574



15.3423, -1.9283, 2.0114



15.3423, -1.0829, -0.8614



15.3423, 0.3218, -0.4424

Sweetspot

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



15.3423, -0.5542, 2.3576



20.4138, -0.9880, 1.8000



14.5069, 1.3897, 0.3769



11.3658, -0.5489, 1.0098



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.



15.3423, -0.5542, 2.3576



19.3785, -0.5704, 3.5380



16.0129, -1.8259, 3.0453



8.9833, -0.4075, 0.9557



20.6280, 7.3767, 12.8400



53.2457, 23.4908, 33.2210

Inverse Universe

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



14.7898, -0.9482, -0.8558



18.4654, -1.2195, -1.7763



14.1306, 0.3269, -1.7040



8.8172, -0.5262, -0.0093



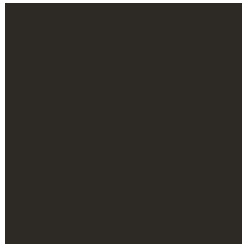
14.1965, 5.0076, -28.5543



35.3268, 18.8739, -84.8988

Previews

White Background



This preview shows how the HunterLab color 15.3420, -0.5538, 2.3574 looks on a white background.

Color Contrast Check

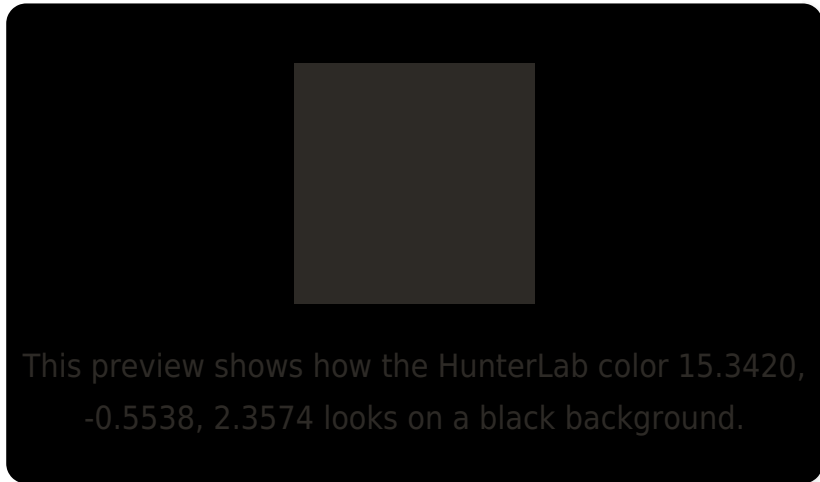
Large Text (above 18pt) WCAG AA ✓ Pass

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

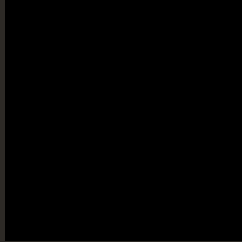
Any Text WCAG AA × Fail

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 15.3420, -0.5538, 2.3574 Background



This preview shows how black text looks on a background with the HunterLab color 15.3420, -0.5538, 2.3574.



This preview shows how white text looks on a background with the HunterLab color 15.3420, -0.5538,

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

15.3420, -0.5538, 2.3574

Protanopia

15.2687, -0.8079, 2.2739

Deuteranopia

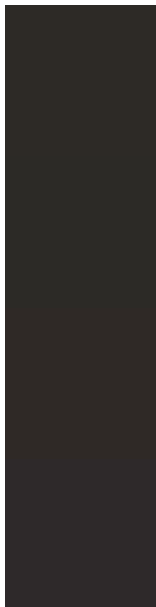
15.3434, 0.6245, 2.3796



Tritanopia

15.3250, 0.8358, 0.2389

Trichromacy



Original Color

15.3420, -0.5538, 2.3574

Protanomaly

15.2687, -0.8079, 2.2739

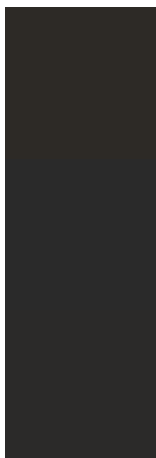
Deuteranomaly

15.2648, 0.3580, 2.2901

Tritanomaly

15.2771, 0.5777, 0.9225

Monochromacy



Original Color

15.3420, -0.5538, 2.3574

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.2631, -0.6955, 1.2438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3420, -0.5538, 2.3574 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(45, 42, 38)` looks like.

```
.text, #text, p{  
  color:rgb(45, 42, 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(45, 42, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 42, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3420, -0.5538, 2.3574 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(45, 42, 38) }
```


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

```
.border{ border-color:rgb(45, 42, 38) }
```

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

Here you see how a box with a 4 pixel rgb(45, 42, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 42, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 42, 38);  
box-shadow:4px 4px 4px 4px rgb(45, 42, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3420, -0.5538, 2.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 42, 38) }
```

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

```
.background{ background-color: rgb(45, 42,  
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](#).

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