

Converting Colors

HunterLab(15.5009, -0.7064,
2.6874)

Have a look what the booklet for
HunterLab(15.5009, -0.7064, 2.6874)
contains.

HunterLab(15.5538, -1.0533, 2.8939)	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(15.5538, -1.0533,
2.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2B25
RGB	45, 43, 37
RGB Percent	18%, 17%, 15%
CMY	0.8235, 0.8314, 0.8549
CMYK	0.00, 0.04, 0.18, 0.82
HSL	45°, 10%, 16%
HSV	45°, 18%, 18%
XYZ	2.2800, 2.4192, 2.0970
YIQ	42.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

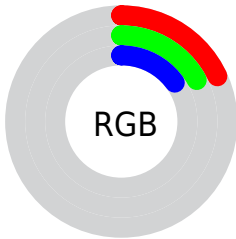
Format	Color
RYB	40, 45, 37
Decimal	2960165
CIELab	17.55, -0.41, 4.23
CIELCh	18, 4.254, 95.510
Yxy	2.4193, 0.3355, 0.3560
Android (android.graphics.Color)	4281150245 (0xFF2D2B25)
YUV	42.9140, -2.9156, 1.8294
Hunter-Lab	15.5538, -1.0533, 2.8939

Details

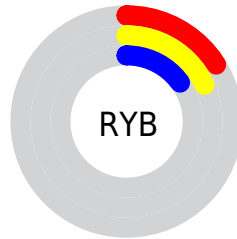
The HunterLab color **15.5538, -1.0533, 2.8939** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2610, -0.3978, -1.5409**, and the grayscale version is **15.5234, -0.8283, 0.8434**.

A 20% lighter version of the original color is **31.3254, -1.6712, 4.1644**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.2057, -1.0967, 3.8822**, and if you desaturate by 10%, it is **15.9130, -0.9647, 1.8008**.

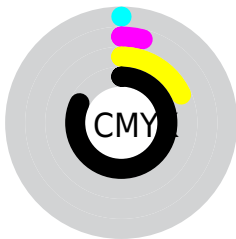
Distribution



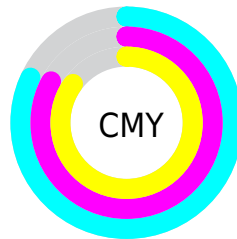
- Red (18%)
- Green (17%)
- Blue (15%)



- Red (16%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5538, -1.0533, 2.8939 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 15.5538, -1.0533, 2.8939 by changing the saturation by 10% instead.

■ 15.5538, -1.0533,
2.8939

■ 15.5538, -1.0533,
2.8939

■ 109.9197, -6.2997,
10.1309

■ 9.1422, -0.6830,
2.4173

■ 31.3652, -1.9572,
4.3672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5493, -2.4731,
5.1261

0.0000, NaN, NaN

■ 50.4876, -3.0272,
5.9051

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1266, -3.6173,
6.7055

0.0000, NaN, NaN

■ 72.4230, -4.2412,
7.5283

0.0000, NaN, NaN

■ 84.3405, -4.8972,

0.0000, NaN, NaN

8.3734

■ 96.8483, -5.5838,
9.2410

■ 15.5538, -1.0533,
2.8939

■ 15.5538, -1.0533,
2.8939

■ 15.2057, -1.0967,
3.8822

■ 15.9130, -0.9647,
1.8008

■ 14.8679, -1.0924,
4.7613

■ 16.2821, -0.8308,
0.6061

■ 14.5410, -1.0399,
5.5285

■ 16.6611, -0.6536,
-0.6859

■ 14.2252, -0.9387,
6.1812

■ 17.0496, -0.4347,
-2.0710

■ 13.9206, -0.7886,
6.7177

■ 17.4475, -0.1756,
-3.5450

■ 13.6273, -0.5897,
7.1373

■ 17.8543, 0.1221,
-5.1036

■ 13.3405, -0.3691,
7.5119

■ 18.2699, 0.4566,
-6.7428

■ 13.0555, -0.1528,
7.9117

■ 18.6940, 0.8264,
-8.4584

■ 12.9925, -0.1053,
8.0040

■ 19.1261, 1.2298,
-10.2466

Harmonies

Analogous

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



15.5541, 0.1463, 2.7306



15.5538, -1.0533, 2.8939



15.5541, -2.1604, 2.5440

Triad

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



15.5541, -1.0537, 2.8941



15.5541, -2.6813, -0.4958



15.5541, 1.3456, -0.0999

Complementary

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



15.5538, -1.0533, 2.8939



14.2610, -0.3978, -1.5409

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.



15.5541, 0.5451, -1.0666



15.5538, -1.0533, 2.8939



15.5541, -1.7843, -1.3071

Square

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



15.5541, -1.0537, 2.8941



15.5541, -3.0814, 0.6324



15.5541, -0.6065, -1.5236



15.5541, 1.5556, 1.0579

Rectangle

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



15.5538, -1.0533, 2.8939



15.5541, -2.7039, 2.0495



15.5541, -0.6065, -1.5236



15.5541, 1.1355, -0.4607

Sweetspot

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



15.5541, -1.0537, 2.8941



20.5419, -1.2008, 1.9423



14.2391, 1.5320, 0.8084



11.4385, -0.6697, 1.0905



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.



15.5541, -1.0537, 2.8941



19.7639, -1.3845, 4.2963



15.8870, -2.3131, 3.2169



9.0706, -0.5526, 1.0510



24.0760, 0.8304, 14.8500



63.0104, 4.4016, 38.9038

Inverse Universe

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



14.2610, -0.3978, -1.5409



17.6973, -0.3306, -2.8041



13.9426, 0.8463, -1.9511



8.7299, -0.3810, -0.1149



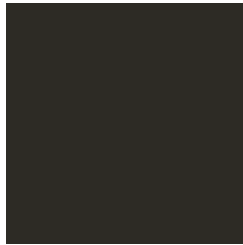
11.1548, 12.3009, -40.4966



27.3120, 40.1747, -120.8634

Previews

White Background



This preview shows how the HunterLab color 15.5538, -1.0533, 2.8939 looks on a white background.

Color Contrast Check

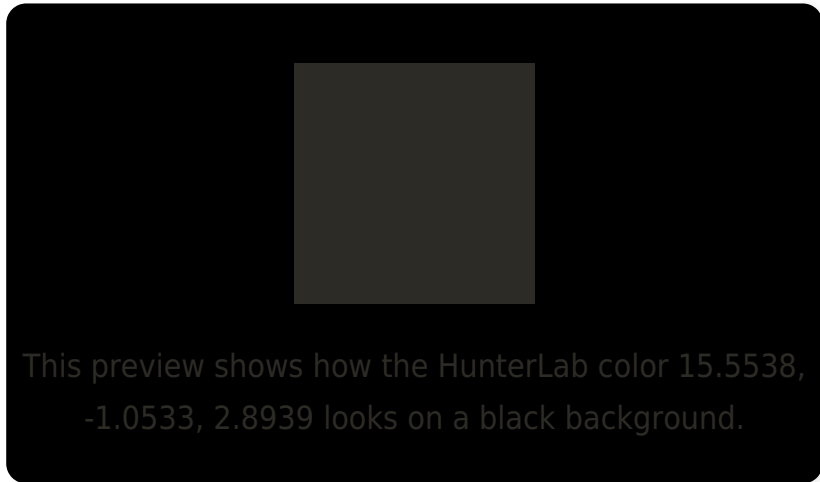
Large Text (above 18pt) WCAG AA ✓ Pass

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

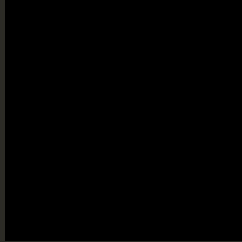
Any Text WCAG AA × Fail

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 15.5538, -1.0533, 2.8939 Background



This preview shows how black text looks on a background with the HunterLab color 15.5538, -1.0533, 2.8939.

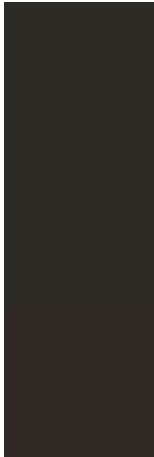


This preview shows how white text looks on a background with the HunterLab color 15.5538, -1.0533,

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

15.5538, -1.0533, 2.8939

Protanopia

15.5538, -1.0533, 2.8939

Deuteranopia

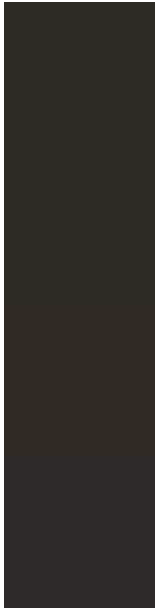
15.4026, 0.7833, 2.7674



Tritanopia

15.5764, 0.5692, 0.1582

Trichromacy



Original Color

15.5538, -1.0533, 2.8939

Protanomaly

15.5538, -1.0533, 2.8939

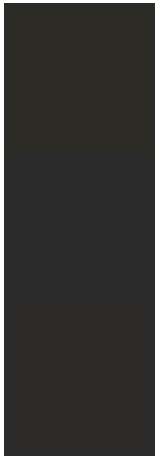
Deuteranomaly

15.5495, 0.1188, 2.9099

Tritanomaly

15.5046, 0.1818, 1.1806

Monochromacy



Original Color

15.5538, -1.0533, 2.8939

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5670, -0.8369, 1.5877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5538, -1.0533, 2.8939 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, 43, 37)` looks like.

```
.text, #text, p{  
    color:rgb(45, 43, 37)  
}
```

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, 43, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 43, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5538, -1.0533, 2.8939 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, 43, 37) }
```


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

```
.border{ border-color:rgb(45, 43, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 43, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 43, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 43, 37);  
box-shadow:4px 4px 4px 4px rgb(45, 43, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5538, -1.0533, 2.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 43, 37) }
```

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

```
.background{ background-color: rgb(45, 43,  
37) }
```

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