

Converting Colors

HunterLab(15.3133, 1.8938,
0.6201)

Have a look what the booklet for
HunterLab(15.3133, 1.8938, 0.6201)
contains.

HunterLab(15.3133, 1.8938, 0.6201)	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(15.3133, 1.8938,
0.6201)**

Conversions

Conversions Part 1

Format	Color
Hex	31282B
RGB	49, 40, 43
RGB Percent	19%, 16%, 17%
CMY	0.8078, 0.8431, 0.8314
CMYK	0.00, 0.18, 0.12, 0.81
HSL	340°, 10%, 17%
HSV	340°, 18%, 19%
XYZ	2.4615, 2.3450, 2.6084
YIQ	43.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

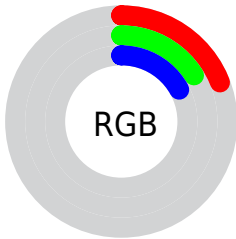
Format	Color
RYB	49, 40, 43
Decimal	3221547
CIELab	17.20, 4.81, -0.41
CIElCh	17, 4.832, 355.149
Yxy	2.3451, 0.3320, 0.3163
Android (android.graphics.Color)	4281411627 (0xFF31282B)
YUV	43.0330, -0.0163, 5.2331
Hunter-Lab	15.3133, 1.8938, 0.6201

Details

The HunterLab color **15.3133, 1.8938, 0.6201** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8673, -3.4145, 1.2476**, and the grayscale version is **15.5529, -0.8299, 0.8450**.

A 20% lighter version of the original color is **31.0395, 1.6315, 1.5194**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.1859, 3.4752, 0.5109**, and if you desaturate by 10%, it is **16.4973, 0.3403, 0.7824**.

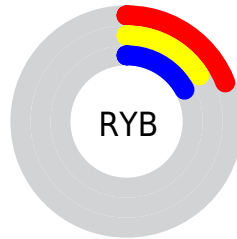
Distribution



Red (19%)

Green (16%)

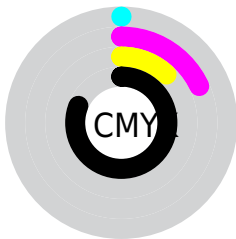
Blue (17%)



Red (19%)

Yellow (16%)

Blue (17%)

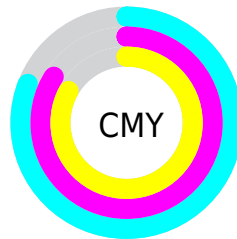


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3133, 1.8938, 0.6201 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 15.3133, 1.8938, 0.6201 by changing the saturation by 10% instead.

■ 15.3133, 1.8938,
0.6201

■ 15.3133, 1.8938,
0.6201

109.4573, -0.7494,
5.5495

■ 8.9298, 1.8813,
0.2964

■ 31.0611, 1.7303,
1.4216

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.2179, 1.5339,
1.8960

0.0000, NaN, NaN

■ 50.1310, 1.2755,
2.4134

0.0000, NaN, NaN

■ 60.7465, 0.9622,
2.9706

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0208, 0.5992,
3.5647

0.0000, NaN, NaN

■ 83.9173, 0.1909,

0.0000, NaN, NaN

4.1938

96.4050, -0.2596,
4.8559

15.3133, 1.8938,
0.6201

15.3133, 1.8938,
0.6201

14.1859, 3.4752,
0.5109

16.4973, 0.3403,
0.7824

13.1225, 5.0792,
0.4639

17.7300, -1.1820,
0.9886

12.1331, 6.6910,
0.4906

19.0060, -2.6742,
1.2321

11.2292, 8.2846,
0.6029

20.3207, -4.1386,
1.5071

10.4238, 9.8184,
0.8118

21.6699, -5.5781,
1.8092

■ 9.7301, 11.2325,
1.1242

■ 23.0505, -6.9958,
2.1344

■ 9.0979, 12.6445,
1.4743

■ 24.4596, -8.3945,
2.4799

■ 8.4286, 14.3790,
1.7539

■ 25.8948, -9.7771,
2.8430

■ 8.3149, 14.7014,
1.7925

■ 27.3543, -11.1462,
3.2218

Harmonies

Analogous

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



15.3136, 1.4020, -0.6670



15.3133, 1.8938, 0.6201



15.3136, 1.6377, 1.8597

Triad

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



15.3136, 1.8933, 0.6204



15.3136, -1.9203, 2.9308



15.3136, -2.2928, -1.3663

Complementary

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



15.3133, 1.8938, 0.6201



16.8673, -3.4145, 1.2476

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.



15.3136, -3.1279, -0.2689



15.3133, 1.8938, 0.6201



15.3136, -2.9182, 2.1961

Square

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



15.3136, 1.8933, 0.6204



15.3136, -0.5948, 3.1240



15.3136, -3.3528, 1.0437



15.3136, -1.0398, -1.8764

Rectangle

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



15.3133, 1.8938, 0.6201



15.3136, 1.0825, 2.5042



15.3136, -3.3528, 1.0437



15.3136, -2.6300, -1.0494

Sweetspot

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



15.3136, 1.8933, 0.6204



21.5513, 0.0353, 1.0568



15.2325, 1.9355, -1.8901



11.8281, 0.0195, 0.5800



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.



15.3136, 1.8933, 0.6204



18.9987, 3.4158, 0.7212



15.5787, 0.9244, 1.9750



9.4287, 0.1886, 0.4477



14.9287, 26.1851, 4.8469



38.9672, 67.9411, 15.8107

Inverse Universe

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



15.3136, 1.8933, 0.6204



18.9987, 3.4158, 0.7212



16.5716, -2.4362, -0.2276



9.4287, 0.1886, 0.4477



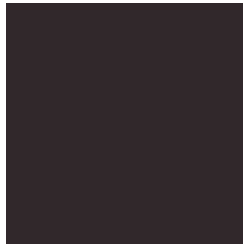
14.9287, 26.1851, 4.8469



38.9672, 67.9411, 15.8107

Previews

White Background



This preview shows how the HunterLab color 15.3133, 1.8938, 0.6201 looks on a white background.

Color Contrast Check

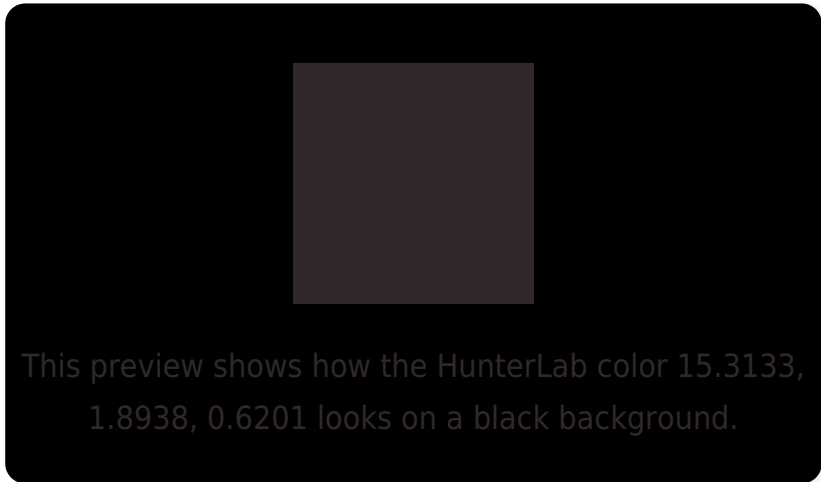
Large Text (above 18pt) WCAG AA ✓ Pass

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

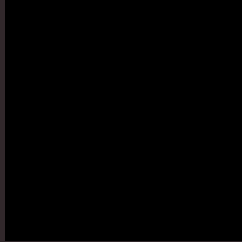
Any Text WCAG AA × Fail

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 15.3133, 1.8938, 0.6201 Background



This preview shows how black text looks on a background with the HunterLab color 15.3133, 1.8938, 0.6201.



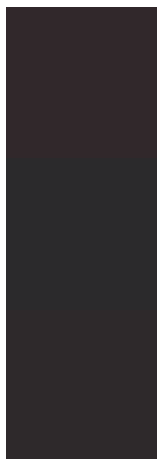
This preview shows how white text looks on a background with the HunterLab color 15.3133, 1.8938,

0.6201.

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

15.3133, 1.8938, 0.6201

Protanopia

15.3342, -0.3075, 0.2300

Deuteranopia

15.3008, 0.7054, 0.5844



Tritanopia

15.3133, 1.8938, 0.6201

Trichromacy



Original Color

15.3133, 1.8938, 0.6201

Protanomaly

15.2500, 0.5822, 0.1428

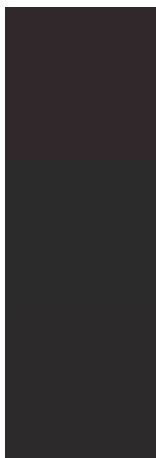
Deuteranomaly

15.3774, 0.9635, 0.6802

Tritanomaly

15.3133, 1.8938, 0.6201

Monochromacy



Original Color

15.3133, 1.8938, 0.6201

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4539, 0.0553, 0.7551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3133, 1.8938, 0.6201 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(49, 40, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 40, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3133, 1.8938, 0.6201 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, 43) }
```


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

```
.border{ border-color:rgb(49, 40, 43) }
```

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, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 40, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 40, 43);  
box-shadow:4px 4px 4px 4px rgb(49, 40, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3133, 1.8938, 0.6201 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, 43) }
```

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

```
.background{ background-color: rgb(49, 40,  
43) }
```

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