

Converting Colors

HunterLab(15.1737, -1.0175,
2.2863)

Have a look what the booklet for
HunterLab(15.1737, -1.0175, 2.2863)
contains.

HunterLab(15.1969, -1.0583, 2.1916)	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(15.1969, -1.0583,
2.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2A26
RGB	43, 42, 38
RGB Percent	17%, 16%, 15%
CMY	0.8314, 0.8353, 0.8510
CMYK	0.00, 0.02, 0.12, 0.83
HSL	48°, 6%, 16%
HSV	48°, 12%, 17%
XYZ	2.1741, 2.3095, 2.1649
YIQ	41.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

Format	Color
RYB	39, 43, 38
Decimal	2828838
CIELab	17.03, -0.46, 2.77
CIELCh	17, 2.811, 99.339
Yxy	2.3096, 0.3270, 0.3474
Android (android.graphics.Color)	4281018918 (0xFF2B2A26)
YUV	41.8430, -1.8946, 1.0147
Hunter-Lab	15.1969, -1.0583, 2.1916

Details

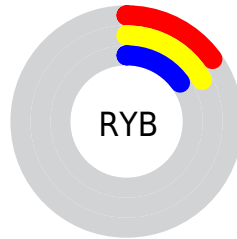
The HunterLab color **15.1969, -1.0583, 2.1916** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2740, -0.4583, -0.7058**, and the grayscale version is **15.1709, -0.8095, 0.8243**.

A 20% lighter version of the original color is **30.8474, -1.9386, 3.2449**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9100, -1.2085, 3.2382**, and if you desaturate by 10%, it is **15.4937, -0.8650, 1.0414**.

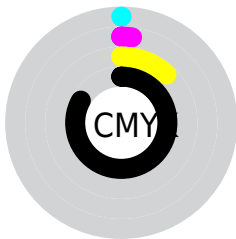
Distribution



- Red (17%)
- Green (16%)
- Blue (15%)



- Red (15%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (83%)



- Cyan (83%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1969, -1.0583, 2.1916 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 15.1969, -1.0583, 2.1916 by changing the saturation by 10% instead.

■ 15.1969, -1.0583,
2.1916

■ 15.1969, -1.0583,
2.1916

■ 109.2329, -6.3120,
8.6758

■ 8.8247, -0.6966,
1.7831

■ 30.9137, -1.9645,
3.4442

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.0572, -2.4812,
4.1102

0.0000, NaN, NaN

■ 49.9580, -3.0362,
4.8039

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.5621, -3.6270,
5.5251

0.0000, NaN, NaN

■ 71.8256, -4.2516,
6.2736

0.0000, NaN, NaN

■ 83.7119, -4.9083,

0.0000, NaN, NaN

7.0486

■ 96.1899, -5.5955,
7.8495

■ 15.1969, -1.0583,
2.1916

■ 15.1969, -1.0583,
2.1916

■ 14.9100, -1.2085,
3.2382

■ 15.4937, -0.8650,
1.0414

■ 14.6323, -1.3133,
4.1775

■ 15.7992, -0.6283,
-0.2099

■ 14.3640, -1.3726,
5.0074

■ 16.1137, -0.3500,
-1.5586

■ 14.1054, -1.3859,
5.7259

■ 16.4369, -0.0313,
-3.0009

■ 13.8564, -1.3530,
6.3322

■ 16.7686, 0.3263,
-4.5332

■ 13.6170, -1.2743,
6.8259

■ 17.1086, 0.7214,
-6.1516

■ 13.3862, -1.1563,
7.2235

■ 17.4566, 1.1527,
-7.8523

■ 13.1572, -1.0359,
7.6234

■ 17.8125, 1.6185,
-9.6315

■ 12.9660, -0.9382,
7.9732

■ 18.1760, 2.1175,
-11.4855

Harmonies

Analogous

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



15.1972, -0.2692, 2.1245



15.1969, -1.0583, 2.1916



15.1972, -1.7676, 1.9083

Triad

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



15.1972, -1.0587, 2.1918



15.1972, -1.9747, -0.1226



15.1972, 0.6436, 0.3058

Complementary

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



15.1969, -1.0583, 2.1916



14.2740, -0.4583, -0.7058

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.



15.1972, 0.1684, -0.3396



15.1969, -1.0583, 2.1916



15.1972, -1.3467, -0.5956

Square

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



15.1972, -1.0587, 2.1918



15.1972, -2.2892, 0.5896



15.1972, -0.5631, -0.6770



15.1972, 0.7245, 1.0611

Rectangle

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



15.1969, -1.0583, 2.1916



15.1972, -2.1030, 1.5495



15.1972, -0.5631, -0.6770



15.1972, 0.5242, 0.0677

Sweetspot

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



15.1972, -1.0587, 2.1918



19.7975, -1.1508, 1.5725



14.3050, 0.6165, 0.8698



10.7175, -0.6285, 0.8810



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1972, -1.0587, 2.1918



19.3574, -1.4250, 3.2564



15.3280, -1.8067, 2.3204



8.3538, -0.5407, 0.9661



24.3849, -0.9722, 15.0089



65.1585, -0.8701, 40.1351

Inverse Universe

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



14.2740, -0.4583, -0.7058



17.8502, -0.4430, -1.4782



14.1486, 0.2822, -0.8543



8.0122, -0.3189, -0.1052



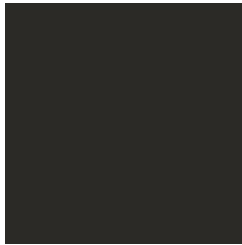
10.1861, 13.7817, -42.4825



25.3223, 45.0529, -128.9070

Previews

White Background



This preview shows how the HunterLab color 15.1969, -1.0583, 2.1916 looks on a white background.

Color Contrast Check

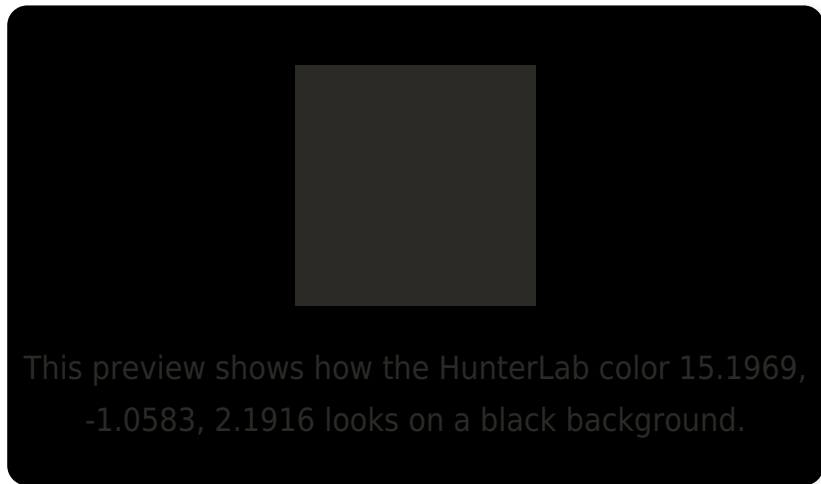
Large Text (above 18pt) WCAG AA ✓ Pass

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

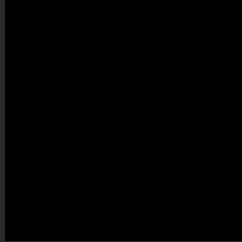
Any Text WCAG AA × Fail

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 15.1969, -1.0583, 2.1916 Background



This preview shows how black text looks on a background with the HunterLab color 15.1969, -1.0583, 2.1916.

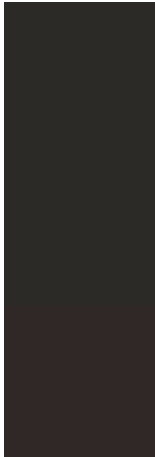


This preview shows how white text looks on a background with the HunterLab color 15.1969, -1.0583,

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

15.1969, -1.0583, 2.1916

Protanopia

15.2687, -0.8079, 2.2739

Deuteranopia

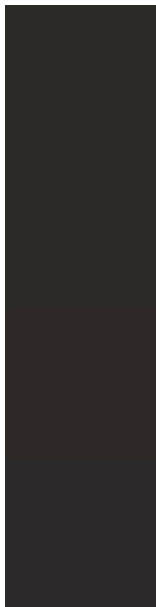
15.0395, 0.7527, 2.0514



Tritanopia

15.1763, 0.3320, 0.0481

Trichromacy



Original Color

15.1969, -1.0583, 2.1916

Protanomaly

15.2687, -0.8079, 2.2739

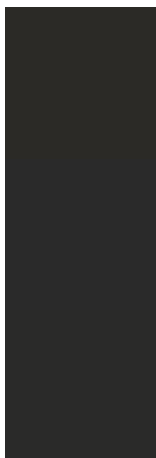
Deuteranomaly

15.1877, 0.0949, 2.2017

Tritanomaly

15.1278, 0.0698, 0.7378

Monochromacy



Original Color

15.1969, -1.0583, 2.1916

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1930, -0.9394, 1.1587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1969, -1.0583, 2.1916 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(43, 42, 38)` looks like.

```
.text, #text, p{  
    color:rgb(43, 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(43, 42, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 42, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1969, -1.0583, 2.1916 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(43, 42, 38) }
```


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

```
.border{ border-color:rgb(43, 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(43, 42, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 42, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 42, 38);  
box-shadow:4px 4px 4px 4px rgb(43, 42, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1969, -1.0583, 2.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 42, 38) }
```

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

```
.background{ background-color: rgb(43, 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