

Converting Colors

HunterLab(15.9468, -1.1626,
5.4855)

Have a look what the booklet for
HunterLab(15.9468, -1.1626, 5.4855)
contains.

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Color

**HunterLab(15.9469, -1.1652,
5.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	312C1D
RGB	49, 44, 29
RGB Percent	19%, 17%, 11%
CMY	0.8078, 0.8274, 0.8863
CMYK	0.00, 0.10, 0.41, 0.81
HSL	45°, 26%, 15%
HSV	45°, 41%, 19%
XYZ	2.3891, 2.5430, 1.5273
YIQ	43.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

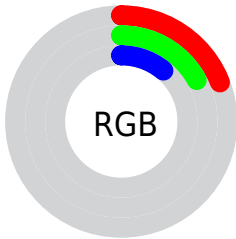
Format	Color
RYB	36, 49, 29
Decimal	3222557
CIELab	18.11, -0.57, 10.58
CIELCh	18, 10.596, 93.089
Yxy	2.5432, 0.3699, 0.3937
Android (android.graphics.Color)	4281412637 (0xFF312C1D)
YUV	43.7850, -7.2890, 4.5736
Hunter-Lab	15.9469, -1.1652, 5.4843

Details

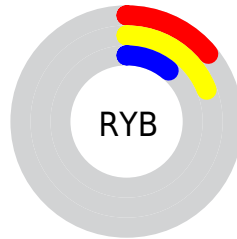
The HunterLab color **15.9469, -1.1652, 5.4843** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.7553, 0.5320, -5.6377**, and the grayscale version is **15.8215, -0.8442, 0.8596**.

A 20% lighter version of the original color is **31.8003, -1.7707, 7.8120**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5913, -1.0866, 6.2813**, and if you desaturate by 10%, it is **16.3155, -1.1904, 4.5605**.

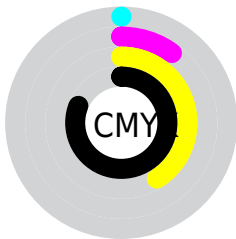
Distribution



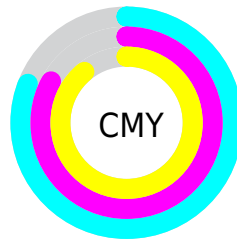
- Red (19%)
- Green (17%)
- Blue (11%)



- Red (14%)
- Yellow (19%)
- Blue (11%)



- Cyan (0%)
- Magenta (10%)
- Yellow (41%)
- Black (81%)



- Cyan (81%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9469, -1.1652, 5.4843 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 15.9469, -1.1652, 5.4843 by changing the saturation by 10% instead.

■ 15.9469, -1.1652,
5.4843

■ 15.9469, -1.1652,
5.4843

■ 110.6718, -6.5117,
16.1065

■ 9.4772, -0.7697,
5.1439

■ 31.8611, -2.0977,
7.9684

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.0893, -2.6258,
9.1476

0.0000, NaN, NaN

■ 51.0683, -3.1914,
10.3098

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7455, -3.7920,
11.4643

0.0000, NaN, NaN

■ 73.0777, -4.4260,
12.6176

0.0000, NaN, NaN

■ 85.0292, -5.0914,

0.0000, NaN, NaN

13.7738

■ 97.5694, -5.7871,
14.9361

■ 15.9469, -1.1652,
5.4843

■ 15.9469, -1.1652,
5.4843

■ 15.5913, -1.0866,
6.2813

■ 16.3155, -1.1904,
4.5605

■ 15.2480, -0.9525,
6.9484

■ 16.6959, -1.1615,
3.5127

■ 14.9173, -0.7633,
7.4845

■ 17.0881, -1.0802,
2.3450

■ 14.5992, -0.5202,
7.8906

■ 17.4919, -0.9481,
1.0618

■ 14.2873, -0.2591,
8.2629

■ 17.9068, -0.7667,
-0.3323

■ 14.0028, -0.0231,
8.6281

■ 18.3327, -0.5378,
-1.8324

■ 18.7691, -0.2632,
-3.4338

■ 19.2157, 0.0552,
-5.1316

■ 19.6722, 0.4154,
-6.9210

Harmonies

Analogous

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



15.9473, 1.8828, 5.0752



15.9469, -1.1652, 5.4843



15.9473, -3.9210, 4.8615

Triad

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



15.9473, -1.1657, 5.4845



15.9473, -5.4623, -2.4782



15.9473, 4.7063, -1.8612

Complementary

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



15.9469, -1.1652, 5.4843



12.7553, 0.5320, -5.6377

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.



15.9473, 2.4688, -4.5327



15.9469, -1.1652, 5.4843



15.9473, -3.4137, -4.9332

Square

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



15.9473, -1.1657, 5.4845



15.9473, -6.2821, 0.5653



15.9473, -0.5353, -5.7473



15.9473, 5.4192, 1.1650

Rectangle

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



15.9469, -1.1652, 5.4843



15.9473, -5.2642, 3.8612



15.9473, -0.5353, -5.7473



15.9473, 4.0996, -2.8482

Sweetspot

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



15.9473, -1.1657, 5.4845



21.8993, -1.4145, 3.3053



12.8344, 5.2826, 1.0096



12.0191, -0.7763, 1.8143



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.



15.9473, -1.1657, 5.4845



20.0287, -1.3867, 8.1632



16.7953, -4.3225, 6.1700



9.8191, -0.6008, 1.1612



24.7867, 0.8952, 15.2891



63.8416, 4.4867, 39.4175

Inverse Universe

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



12.7553, 0.5320, -5.6377



14.9061, 1.4525, -9.9346



12.0024, 3.5858, -6.8953



9.4357, -0.4077, -0.1513



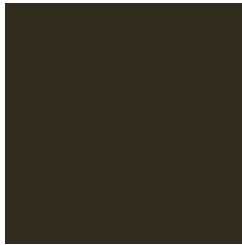
11.4503, 12.8004, -41.9442



27.6610, 40.7701, -122.5848

Previews

White Background



This preview shows how the HunterLab color 15.9469, -1.1652, 5.4843 looks on a white background.

Color Contrast Check

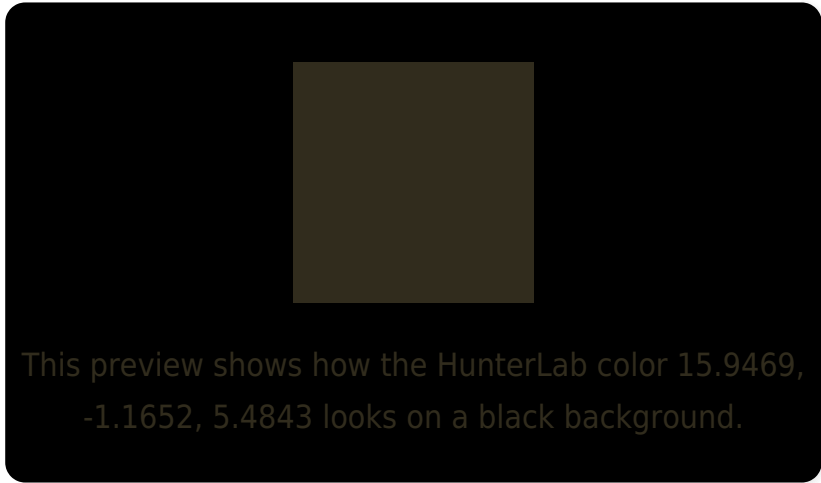
Large Text (above 18pt) WCAG AA ✓ Pass

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

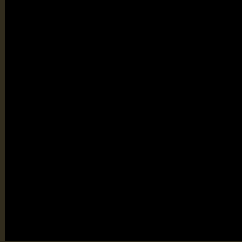
Any Text WCAG AA × Fail

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 15.9469, -1.1652, 5.4843 Background



This preview shows how black text looks on a background with the HunterLab color 15.9469, -1.1652, 5.4843.

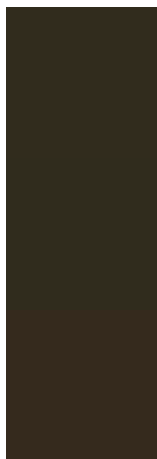


This preview shows how white text looks on a background with the HunterLab color 15.9469, -1.1652,

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

15.9469, -1.1652, 5.4843

Protanopia

15.8696, -1.4363, 5.4109

Deuteranopia

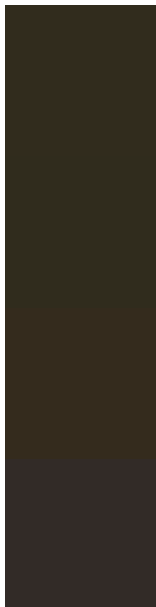
15.8162, 0.7388, 5.4013



Tritanopia

15.9662, 1.8743, 0.6520

Trichromacy



Original Color

15.9469, -1.1652, 5.4843

Protanomaly

15.8696, -1.4363, 5.4109

Deuteranomaly

15.9578, 0.0585, 5.5154

Tritanomaly

15.9761, 0.4824, 2.7294

Monochromacy



Original Color

15.9469, -1.1652, 5.4843

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.9019, -0.9598, 2.6252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9469, -1.1652, 5.4843 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, 44, 29)` looks like.

```
.text, #text, p{  
    color:rgb(49, 44, 29)  
}
```

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, 44, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 44, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9469, -1.1652, 5.4843 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, 44, 29) }
```


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

```
.border{ border-color:rgb(49, 44, 29) }
```

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

Here you see how a box with a 4 pixel rgb(49, 44, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 44, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 44, 29);  
box-shadow:4px 4px 4px 4px rgb(49, 44, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9469, -1.1652, 5.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 44, 29) }
```

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

```
.background{ background-color: rgb(49, 44,  
29) }
```

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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