

Converting Colors

HunterLab(15.9846, 3.9939,
9.3882)

Have a look what the booklet for
HunterLab(15.9846, 3.9939, 9.3882)
contains.

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Color

**HunterLab(15.9749, 4.0820,
9.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	402705
RGB	64, 39, 5
RGB Percent	25%, 15%, 2%
CMY	0.7490, 0.8471, 0.9804
CMYK	0.00, 0.39, 0.92, 0.75
HSL	35°, 86%, 14%
HSV	35°, 92%, 25%
XYZ	2.8673, 2.5520, 0.4850
YIQ	42.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

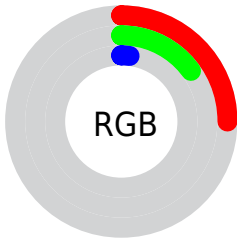
Format	Color
RYB	48, 64, 5
Decimal	4204293
CIELab	18.15, 8.44, 24.36
CIELCh	18, 25.780, 70.889
Yxy	2.5521, 0.4856, 0.4322
Android (android.graphics.Color)	4282394373 (0xFF402705)
YUV	42.5990, -18.5363, 18.7687
Hunter-Lab	15.9749, 4.0820, 9.3823

Details

The HunterLab color **15.9749, 4.0820, 9.3823** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.5363, 2.2813, -17.7798**, and the grayscale version is **15.4646, -0.8252, 0.8402**.

A 20% lighter version of the original color is **31.9758, 4.5444, 13.9755**, and **0.8033, 1.3757, 0.5191** is the 20% darker color. If you saturate the color by 10%, you get **15.5109, 4.7595, 9.6410**, and if you desaturate by 10%, it is **16.5854, 3.2083, 9.1003**.

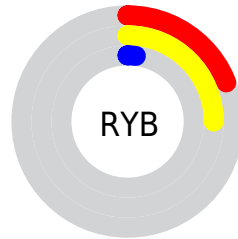
Distribution



Red (25%)

Green (15%)

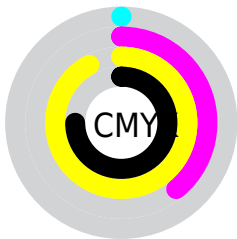
Blue (2%)



Red (19%)

Yellow (25%)

Blue (2%)

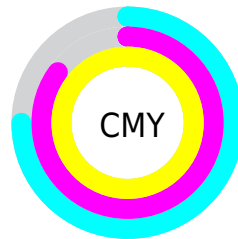


Cyan (0%)

Magenta (39%)

Yellow (92%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9749, 4.0820, 9.3823 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 15.9749, 4.0820, 9.3823 by changing the saturation by 10% instead.

■ 15.9749, 4.0820,
9.3823

■ 15.9749, 4.0820,
9.3823

■ 110.7253, 3.1156,
27.7587

■ 9.5008, 3.7395,
6.6506

■ 31.8965, 4.3816,
14.0139

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.1277, 4.3898,
16.2010

0.0000, NaN, NaN

■ 51.1096, 4.3226,
18.2766

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7895, 4.1893,
20.2702

0.0000, NaN, NaN

■ 73.1243, 3.9970,
22.2023

0.0000, NaN, NaN

■ 85.0782, 3.7512,


0.0000, NaN, NaN

24.0876


 97.6207, 3.4561,
25.9370


 15.9749, 4.0820,
9.3823


 15.9749, 4.0820,
9.3823


 15.5109, 4.7595,
9.6410

 16.5854, 3.2083,
9.1003

 17.2227, 2.3884,
8.7137

 17.8907, 1.6492,
8.1529

 18.5879, 0.9912,
7.4238

 19.3128, 0.4132,
6.5344

■ 20.0639, -0.0871,
5.4937

■ 20.8398, -0.5127,
4.3114

■ 21.6390, -0.8671,
2.9971

■ 22.4603, -1.1540,
1.5600

Harmonies

Analogous

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



15.9753, 11.3996, 7.4382



15.9749, 4.0820, 9.3823



15.9753, -3.4553, 9.6307

Triad

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



15.9753, 4.0811, 9.3825



15.9753, -12.5696, -1.9069



15.9753, 9.5774, -13.1339

Complementary

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



15.9749, 4.0820, 9.3823



11.5363, 2.2813, -17.7798

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.



15.9753, 1.9268, -18.9708



15.9749, 4.0820, 9.3823



15.9753, -10.2558, -10.7815

Square

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



15.9753, 4.0811, 9.3825



15.9753, -12.2045, 4.6991



15.9753, -5.2530, -17.9547



15.9753, 14.9509, -4.2313

Rectangle

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



15.9749, 4.0820, 9.3823



15.9753, -7.5261, 8.8023



15.9753, -5.2530, -17.9547



15.9753, 7.1341, -15.6693

Sweetspot

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



15.9753, 4.0811, 9.3825



26.7285, -0.2889, 6.8003



11.3806, 17.8877, 0.7273



13.9200, -0.0878, 3.7317



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



15.9753, 4.0811, 9.3825



20.1158, 6.9200, 12.5164



21.5417, -6.8046, 12.7596



11.9920, -0.5350, 1.3617



23.1282, 8.3467, 14.3976



56.3001, 24.3557, 35.1183

Inverse Universe

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



11.5363, 2.2813, -17.7798



13.7235, 4.9445, -27.8270



7.3236, 13.7870, -34.5136



11.7334, -0.7032, -0.1087



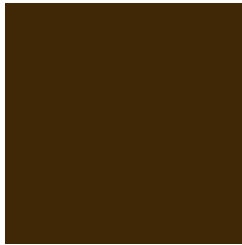
15.6555, 6.2138, -32.9818



36.8807, 20.6805, -90.7408

Previews

White Background



This preview shows how the HunterLab color 15.9749, 4.0820, 9.3823 looks on a white background.

Color Contrast Check

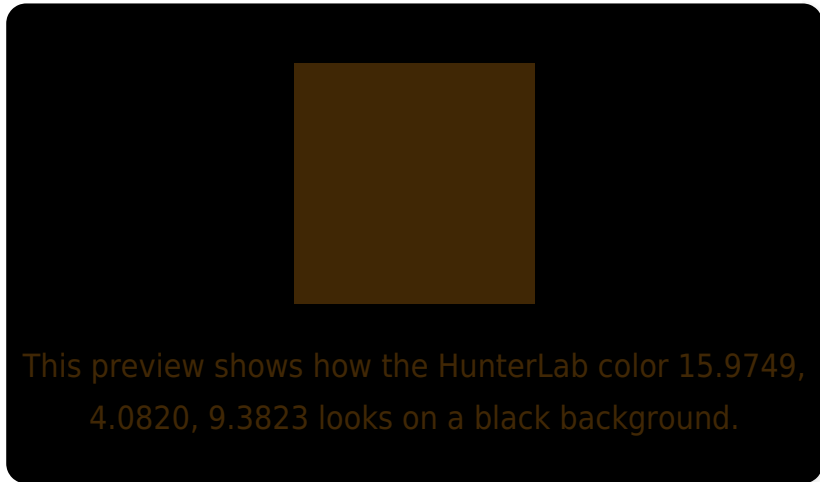
Large Text (above 18pt) WCAG AA ✓ Pass

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

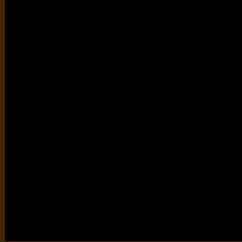
Any Text WCAG AA × Fail

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 15.9749, 4.0820, 9.3823 Background



This preview shows how black text looks on a background with the HunterLab color 15.9749, 4.0820, 9.3823.



This preview shows how white text looks on a background with the HunterLab color 15.9749, 4.0820,

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

15.9749, 4.0820, 9.3823

Protanopia

16.1119, -2.2495, 9.1490

Deuteranopia

16.1171, 0.0503, 9.9322



Tritanopia

15.9124, 7.7924, 2.7897

Trichromacy



Original Color

15.9749, 4.0820, 9.3823

Protanomaly

16.0675, -0.0378, 9.2643

Deuteranomaly

16.1894, 1.4645, 9.7911

Tritanomaly

15.8937, 6.3209, 6.0362

Monochromacy



Original Color

15.9749, 4.0820, 9.3823

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6475, 0.1659, 5.2404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9749, 4.0820, 9.3823 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(64, 39, 5)` looks like.

```
.text, #text, p{  
    color:rgb(64, 39, 5)  
}
```

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(64, 39, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 39, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9749, 4.0820, 9.3823 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(64, 39, 5) }
```


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

```
.border{ border-color:rgb(64, 39, 5) }
```

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

Here you see how a box with a 4 pixel rgb(64, 39, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 39, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 39, 5); box-shadow:4px  
4px 4px 4px rgb(64, 39, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9749, 4.0820, 9.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 39, 5) }
```

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

```
.background{ background-color: rgb(64, 39,  
5) }
```

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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