

Converting Colors

HunterLab(15.4667, -1.3614,
9.0575)

Have a look what the booklet for
HunterLab(15.4667, -1.3614, 9.0575)
contains.

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Color

**HunterLab(15.3899, -1.2404,
9.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	332A04
RGB	51, 42, 4
RGB Percent	20%, 16%, 2%
CMY	0.8000, 0.8353, 0.9843
CMYK	0.00, 0.18, 0.92, 0.80
HSL	49°, 85%, 11%
HSV	49°, 92%, 20%
XYZ	2.2151, 2.3685, 0.4553
YIQ	40.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

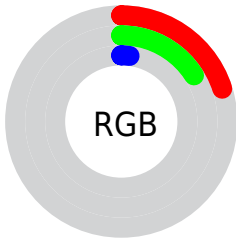
Format	Color
R_{YB}	15, 51, 4
Decimal	3353092
CIE _{Lab}	17.31, -0.77, 23.34
CIE _{LCh}	17, 23.351, 91.895
Yxy	2.3686, 0.4396, 0.4700
Android (android.graphics.Color)	4281543172 (0xFF332A04)
YUV	40.3590, -17.9250, 9.3322
Hunter-Lab	15.3899, -1.2404, 9.0190

Details

The HunterLab color **15.3899, -1.2404, 9.0190** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.4340, 5.9959, -20.2930**, and the grayscale version is **14.7354, -0.7862, 0.8006**.

A 20% lighter version of the original color is **31.1437, -2.1759, 13.4077**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.1856, -1.1105, 9.3379**, and if you desaturate by 10%, it is **15.6521, -1.4107, 8.6302**.

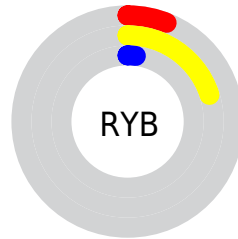
Distribution



 Red (20%)

 Green (16%)

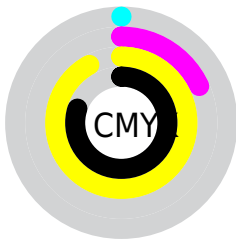
 Blue (2%)



 Red (6%)

 Yellow (20%)

 Blue (2%)

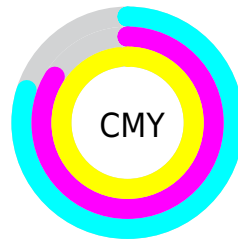


 Cyan (0%)


 Magenta (18%)

 Yellow (92%)

 Black (80%)



 Cyan (80%)

 Magenta (84%)

 Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3899, -1.2404, 9.0190 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 15.3899, -1.2404, 9.0190 by changing the saturation by 10% instead.

■ 15.3899, -1.2404,
9.0190

■ 15.3899, -1.2404,
9.0190

■ 109.6048, -6.6635,
26.8033

■ 8.9981, -0.8546,
6.2987

■ 31.1581, -2.1954,
13.4565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.3236, -2.7329,
15.5762

0.0000, NaN, NaN

■ 50.2447, -3.3071,
17.5886

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.8677, -3.9158,
19.5228

0.0000, NaN, NaN


■ 72.1491, -4.5573,
21.3989


0.0000, NaN, NaN


■ 84.0523, -5.2300,


0.0000, NaN, NaN


23.2311


 96.5465, -5.9324,
25.0299


 15.3899, -1.2404,
9.0190


 15.3899, -1.2404,
9.0190


 15.1856, -1.1105,
9.3379

 15.6521, -1.4107,
8.6302

 15.9186, -1.5642,
8.2075

 16.1967, -1.6620,
7.6464

 16.4869, -1.7021,
6.9426

 16.7891, -1.6837,
6.0954

■ 17.1034, -1.6069,
5.1059

■ 17.4296, -1.4720,
3.9761

■ 17.7678, -1.2799,
2.7088

■ 18.1176, -1.0316,
1.3077

Harmonies

Analogous

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



15.3903, 5.6504, 8.2810



15.3899, -1.2404, 9.0190



15.3903, -6.9909, 8.0730

Triad

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



15.3903, -1.2410, 9.0191



15.3903, -10.2128, -7.0388



15.3903, 12.1035, -6.0339

Complementary

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



15.3899, -1.2404, 9.0190



7.4340, 5.9959, -20.2930

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.



15.3903, 6.5035, -13.4103



15.3899, -1.2404, 9.0190



15.3903, -6.3750, -14.1428

Square

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



15.3903, -1.2410, 9.0191



15.3903, -11.5964, 0.4316



15.3903, -0.3984, -16.8612



15.3903, 14.0910, 1.2331

Rectangle

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



15.3899, -1.2404, 9.0190



15.3903, -9.6178, 6.5965



15.3903, -0.3984, -16.8612



15.3903, 10.5392, -8.6732

Sweetspot

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



15.3903, -1.2410, 9.0191



22.1514, -2.0313, 6.2057



9.0595, 13.3833, 3.2352



11.6741, -1.0806, 3.3505



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.



15.3903, -1.2410, 9.0191



19.4180, -1.1828, 11.9446



16.6369, -8.0307, 9.7016



9.8515, -0.6542, 1.1962



26.0616, -1.2816, 16.0366



67.4329, -1.7472, 41.5212

Inverse Universe

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



7.4340, 5.9959, -20.2930



8.2278, 10.1658, -32.2291



6.7485, 11.7913, -23.1511



9.4036, -0.3540, -0.1904



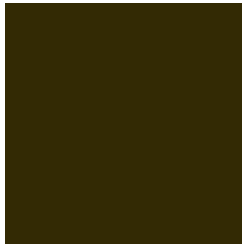
10.6258, 15.2625, -46.2287



25.7240, 47.2872, -134.2321

Previews

White Background



This preview shows how the HunterLab color 15.3899, -1.2404, 9.0190 looks on a white background.

Color Contrast Check

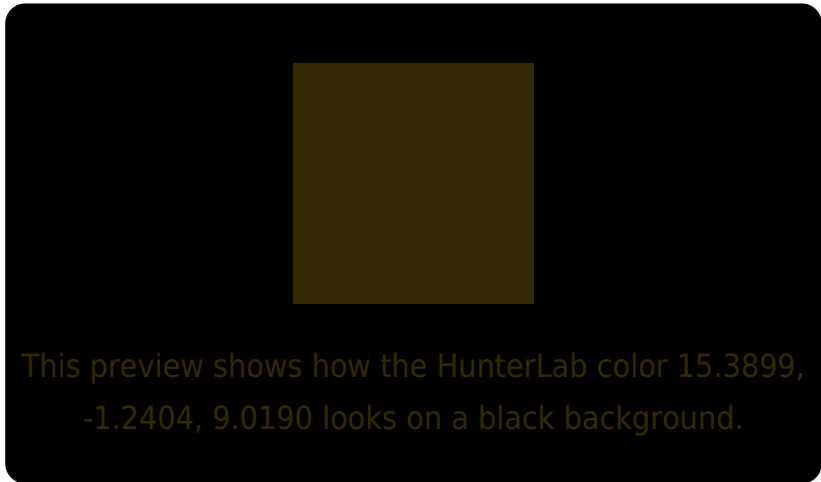
Large Text (above 18pt) WCAG AA ✓ Pass

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

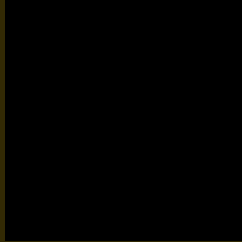
Any Text WCAG AA × Fail

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 15.3899, -1.2404, 9.0190 Background



This preview shows how black text looks on a background with the HunterLab color 15.3899, -1.2404, 9.0190.

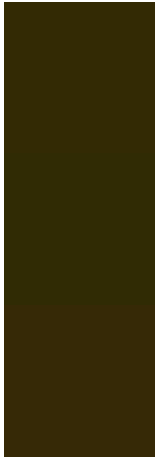


This preview shows how white text looks on a background with the HunterLab color 15.3899, -1.2404,

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

15.3899, -1.2404, 9.0190

Protanopia

15.3782, -2.4818, 8.9897

Deuteranopia

15.4379, 0.1222, 8.8532



Tritanopia

15.4113, 3.2792, 1.1266

Trichromacy



Original Color

15.3899, -1.2404, 9.0190

Protanomaly

15.4580, -2.1966, 9.0461

Deuteranomaly

15.3418, -0.2215, 8.8948

Tritanomaly

15.2692, 1.1549, 5.1632

Monochromacy



Original Color

15.3899, -1.2404, 9.0190

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8340, -1.5386, 4.9693

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3899, -1.2404, 9.0190 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(51, 42, 4)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 4)  
}
```

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(51, 42, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3899, -1.2404, 9.0190 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(51, 42, 4) }
```


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

```
.border{ border-color:rgb(51, 42, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 42, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 42, 4); box-shadow:4px  
4px 4px 4px rgb(51, 42, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.3899, -1.2404, 9.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 4) }
```

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

```
.background{ background-color: rgb(51, 42,  
4) }
```

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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