

Converting Colors

HunterLab(15.8430, 16.0875,
11.0901)

Have a look what the booklet for
HunterLab(15.8430, 16.0875,
11.0901) contains.

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Color

**HunterLab(15.7869, 16.4007,
10.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	531800
RGB	83, 24, 0
RGB Percent	33%, 9%, 0%
CMY	0.6745, 0.9059, 1.0000
CMYK	0.00, 0.71, 1.00, 0.67
HSL	17°, 100%, 16%
HSV	17°, 100%, 33%
XYZ	3.8939, 2.4923, 0.2758
YIQ	38.9050, 42.8680, 5.0440

Conversions

Conversions Part 2

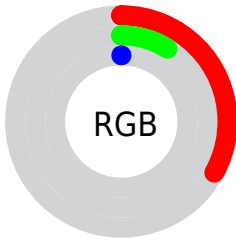
Format	Color
R_{YB}	83, 34, 0
Decimal	5445632
CIE _{Lab}	17.88, 26.31, 26.89
CIE _{LCh}	18, 37.623, 45.619
Y _{xy}	2.4924, 0.5845, 0.3741
Android (android.graphics.Color)	4283635712 (0xFF531800)
YUV	38.9050, -19.1802, 38.6713
Hunter-Lab	15.7869, 16.4007, 10.0149

Details

The HunterLab color **15.7869, 16.4007, 10.0149** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **19.3703, -5.0998, -13.2020**, and the grayscale version is **14.2639, -0.7611, 0.7750**.

A 20% lighter version of the original color is **31.8041, 18.6947, 14.9113**, and **5.4175, 9.3182, 3.1871** is the 20% darker color. If you saturate the color by 10%, you get **15.7873, 16.3994, 10.0151**, and if you desaturate by 10%, it is **16.6758, 14.4317, 9.6807**.

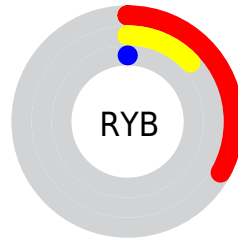
Distribution



Red (33%)

Green (9%)

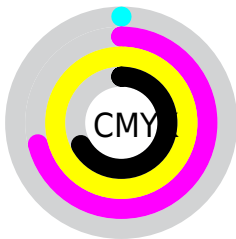
Blue (0%)



Red (33%)

Yellow (13%)

Blue (0%)

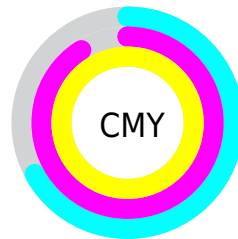


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7869, 16.4007, 10.0149 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 15.7869, 16.4007, 10.0149 by changing the saturation by 10% instead.

■ 15.7869, 16.4007,
10.0149

■ 15.7869, 16.4007,
10.0149

■ 110.3665, 23.1739,
29.6705

■ 9.3426, 15.0289,
6.5398

■ 31.6596, 18.7123,
14.8289

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.8699, 19.6560,
17.2143

0.0000, NaN, NaN

■ 50.8324, 20.4781,
19.4696

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4941, 21.1924,
21.6279

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 72.8118, 21.8104,
23.7123


0.0000, NaN, NaN


■ 84.7496, 22.3416,


25.7398


 97.2766, 22.7939,
27.7227


 15.7869, 16.4007,
10.0149


 15.7869, 16.4007,
10.0149


 15.7873, 16.3994,
10.0151

 16.6758, 14.4317,
9.6807

 17.6864, 12.3483,
9.3911

 18.8246, 10.2875,
8.9007

 20.0784, 8.2940,
8.2250

 21.4355, 6.3926,
7.3904

■ 22.8843, 4.5952,
6.4218

■ 24.4147, 2.9045,
5.3414

■ 26.0176, 1.3179,
4.1677

■ 27.6852, -0.1709,
2.9157

Harmonies

Analogous

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



15.7874, 24.4457, 5.2946



15.7869, 16.4007, 10.0149



15.7874, 4.6337, 11.0512

Triad

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



15.7874, 16.3992, 10.0151



15.7874, -16.3066, 5.0093



15.7874, 5.1251, -32.2965

Complementary

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



15.7869, 16.4007, 10.0149



19.3703, -5.0998, -13.2020

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.



15.7874, -5.6623, -32.5861



15.7869, 16.4007, 10.0149



15.7874, -16.2413, -5.4143

Square

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



15.7874, 16.3992, 10.0151



15.7874, -13.0803, 9.8642



15.7874, -12.8689, -20.6842



15.7874, 16.8410, -20.0472

Rectangle

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



15.7869, 16.4007, 10.0149



15.7874, -2.8192, 11.0512



15.7874, -12.8689, -20.6842



15.7874, 1.2350, -33.9780

Sweetspot

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



15.7874, 16.3992, 10.0151



31.6559, 4.0070, 7.1190



14.6963, 27.3503, -7.4246



15.4798, 2.2410, 3.7023



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



15.7874, 16.3992, 10.0151



20.2745, 22.3163, 12.8838



23.7096, -0.3972, 14.6028



14.0676, -0.1803, 1.3852



19.7904, 21.6779, 12.5743



46.0341, 56.3514, 29.3525

Inverse Universe

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



19.3703, -5.0998, -13.2020



25.0001, -6.2488, -17.7586



10.2792, 12.8757, -40.6428



14.2792, -1.2904, 0.1414



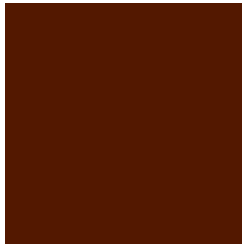
24.3933, -6.1256, -17.2660



57.1999, -12.6683, -44.1477

Previews

White Background



This preview shows how the HunterLab color 15.7869, 16.4007, 10.0149 looks on a white background.

Color Contrast Check

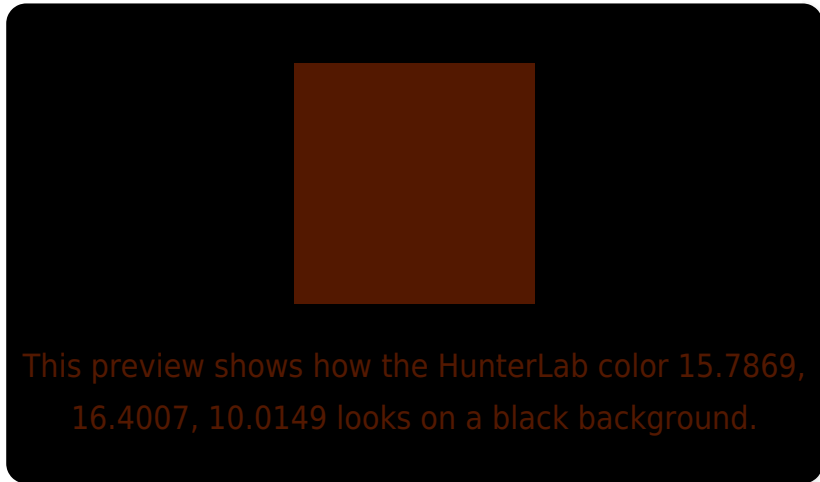
Large Text (above 18pt) WCAG AA ✓ Pass

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

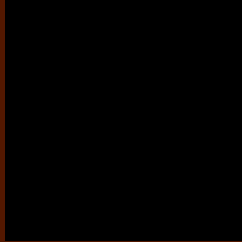
Any Text WCAG AA × Fail

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 15.7869, 16.4007, 10.0149 Background



This preview shows how black text looks on a background with the HunterLab color 15.7869, 16.4007, 10.0149.



This preview shows how white text looks on a background with the HunterLab color 15.7869, 16.4007,

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

15.7869, 16.4007, 10.0149

Protanopia

16.3631, -2.5469, 9.1019

Deuteranopia

16.2089, 0.3636, 9.9942



Tritanopia

15.7311, 17.9586, 6.9527

Trichromacy



Original Color

15.7869, 16.4007, 10.0149

Protanomaly

15.6721, 4.1903, 9.0786

Deuteranomaly

15.6686, 6.1371, 9.7623

Tritanomaly

15.7679, 17.2339, 8.3185

Monochromacy



Original Color

15.7869, 16.4007, 10.0149

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2354, 4.2171, 5.0151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7869, 16.4007, 10.0149 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(83, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 24, 0)  
}
```

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(83, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 24, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7869, 16.4007, 10.0149 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(83, 24, 0) }
```


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

```
.border{ border-color:rgb(83, 24, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 24, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 24, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 24, 0); box-shadow:4px  
4px 4px 4px rgb(83, 24, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7869, 16.4007, 10.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 24, 0) }
```

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

```
.background{ background-color: rgb(83, 24,  
0) }
```

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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