

Converting Colors

HunterLab(15.0070, 0.2134,
3.8309)

Have a look what the booklet for
HunterLab(15.0070, 0.2134, 3.8309)
contains.

HunterLab(15.0008, 0.3844, 3.8491)	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(15.0008, 0.3844,
3.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	302820
RGB	48, 40, 32
RGB Percent	19%, 16%, 13%
CMY	0.8118, 0.8431, 0.8745
CMYK	0.00, 0.17, 0.33, 0.81
HSL	30°, 20%, 16%
HSV	30°, 33%, 19%
XYZ	2.2384, 2.2502, 1.6829
YIQ	41.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

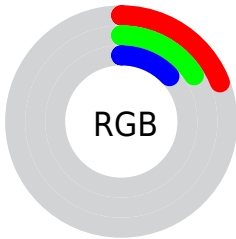
Format	Color
RYB	48, 48, 32
Decimal	3156000
CIELab	16.75, 2.16, 6.65
CIELCh	17, 6.987, 72.011
Yxy	2.2503, 0.3627, 0.3646
Android (android.graphics.Color)	4281346080 (0xFF302820)
YUV	41.4800, -4.6736, 5.7180
Hunter-Lab	15.0008, 0.3844, 3.8491




Details

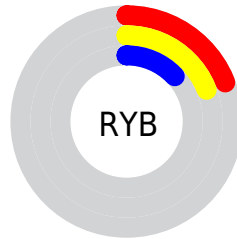
The HunterLab color **15.0008, 0.3844, 3.8491** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2759, -1.3767, -2.8409**, and the grayscale version is **15.0602, -0.8036, 0.8182**.




A 20% lighter version of the original color is **30.6569, -0.2626, 5.6625**, and **0.0000, NaN, NaN** is the 20% darker color. If you saturate the color by 10%, you get **14.3852, 0.8781, 4.5554**, and if you desaturate by 10%, it is **15.6372, -0.0603, 3.0603**.

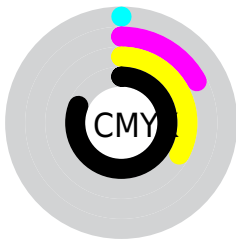
Distribution







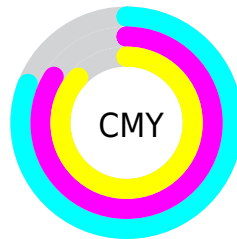
-  Red (19%)
-  Green (16%)
-  Blue (13%)






-  Red (19%)
-  Yellow (19%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (33%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (84%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0008, 0.3844, 3.8491 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 15.0008, 0.3844, 3.8491 by changing the saturation by 10% instead.

■ 15.0008, 0.3844,
3.8491

■ 15.0008, 0.3844,
3.8491

■ 108.8538, -3.5451,
12.3395

■ 8.6443, 0.6261,
3.6574

■ 30.6650, -0.1424,
5.6995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.7860, -0.4965,
6.6141

0.0000, NaN, NaN

■ 49.6661, -0.9011,
7.5346

0.0000, NaN, NaN

■ 60.2508, -1.3515,
8.4658

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4960, -1.8438,
9.4104

0.0000, NaN, NaN

■ 83.3650, -2.3751,

0.0000, NaN, NaN

10.3702

■ 95.8266, -2.9429,
11.3463

■ 15.0008, 0.3844,
3.8491

■ 15.0008, 0.3844,
3.8491

■ 14.3852, 0.8781,
4.5554

■ 15.6372, -0.0603,
3.0603

■ 13.7908, 1.4247,
5.1716

■ 16.2920, -0.4572,
2.1952

■ 13.2194, 2.0253,
5.6907

■ 16.9644, -0.8094,
1.2602

■ 12.6728, 2.6808,
6.1058

■ 17.6531, -1.1198,
0.2611

■ 12.1514, 3.3855,
6.4259

■ 18.3572, -1.3911,
-0.7969

■ 11.6479, 4.0916,
6.7812

■ 19.0757, -1.6261,
-1.9088

■ 11.3216, 4.5561,
7.0561

■ 19.8077, -1.8272,
-3.0705

■ 20.5525, -1.9969,
-4.2781

■ 21.3093, -2.1373,
-5.5281

Harmonies

Analogous

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



15.0011, 2.1114, 3.0289



15.0008, 0.3844, 3.8491



15.0011, -1.5796, 3.9246

Triad

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



15.0011, 0.3839, 3.8493



15.0011, -4.3217, 0.0490



15.0011, 1.8129, -2.1079

Complementary

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



15.0008, 0.3844, 3.8491



14.2759, -1.3767, -2.8409

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.



15.0011, -0.0066, -3.1427



15.0008, 0.3844, 3.8491



15.0011, -3.5073, -1.7944

Square

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



15.0011, 0.3839, 3.8493



15.0011, -4.2292, 1.8850



15.0011, -1.9507, -3.0211



15.0011, 2.9652, -0.3367

Rectangle

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



15.0008, 0.3844, 3.8491



15.0011, -2.7525, 3.5564



15.0011, -1.9507, -3.0211



15.0011, 1.2552, -2.5630

Sweetspot

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



15.0011, 0.3839, 3.8493



20.7734, -0.7070, 2.4434



13.4708, 4.4974, -0.4564



11.0957, -0.3749, 1.3132



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.0011, 0.3839, 3.8493



18.2310, 1.0235, 5.6344



16.8718, -2.6890, 5.5470



8.9484, -0.3492, 0.9175



19.4051, 10.0049, 12.1325



49.8655, 31.0767, 31.2709

Inverse Universe

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



14.2759, -1.3767, -2.8409



17.0891, -1.7328, -4.9156



12.4641, 1.7562, -5.5906



8.8523, -0.5843, 0.0329



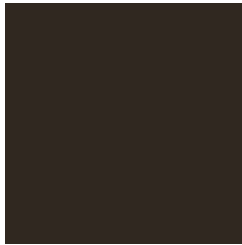
15.6080, 2.2436, -24.3518



39.2407, 10.6138, -71.9596

Previews

White Background



This preview shows how the HunterLab color 15.0008, 0.3844, 3.8491 looks on a white background.

Color Contrast Check

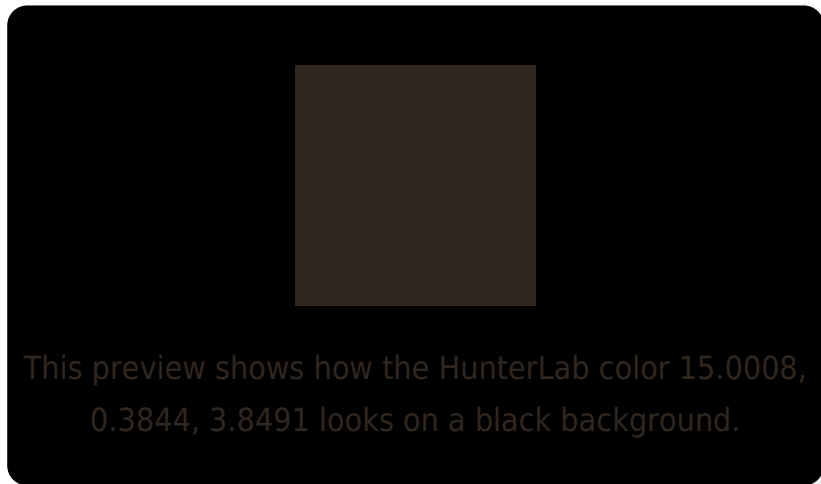
Large Text (above 18pt) WCAG AA ✓ Pass

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

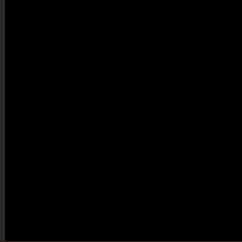
Any Text WCAG AA × Fail

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 15.0008, 0.3844, 3.8491 Background



This preview shows how black text looks on a background with the HunterLab color 15.0008, 0.3844, 3.8491.



This preview shows how white text looks on a background with the HunterLab color 15.0008, 0.3844,

3.8491.

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

15.0008, 0.3844, 3.8491

Protanopia

14.9370, -0.9709, 3.4759

Deuteranopia

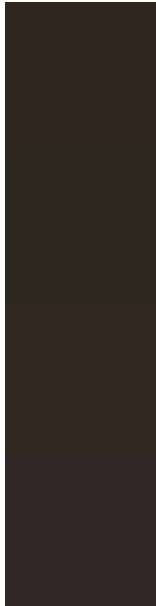
15.0826, 0.6615, 3.9336



Tritanopia

15.0704, 2.1725, 0.7065

Trichromacy



Original Color

15.0008, 0.3844, 3.8491

Protanomaly

15.0119, -0.7104, 3.5551

Deuteranomaly

15.0826, 0.6615, 3.9336

Tritanomaly

14.9798, 1.6926, 2.0023

Monochromacy



Original Color

15.0008, 0.3844, 3.8491

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0376, -0.4209, 2.0287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0008, 0.3844, 3.8491 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(48, 40, 32)` looks like.

```
.text, #text, p{  
    color:rgb(48, 40, 32)  
}
```

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(48, 40, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 40, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0008, 0.3844, 3.8491 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(48, 40, 32) }
```


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

```
.border{ border-color:rgb(48, 40, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 40, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 40, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 40, 32);  
box-shadow:4px 4px 4px 4px rgb(48, 40, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0008, 0.3844, 3.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 40, 32) }
```

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

```
.background{ background-color: rgb(48, 40,  
32) }
```

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