

Converting Colors

HunterLab(15.7111, 0.4746,
-0.9747)

Have a look what the booklet for
HunterLab(15.7111, 0.4746, -0.9747)
contains.

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Color

**HunterLab(15.8084, 0.3334,
-0.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2B30
RGB	45, 43, 48
RGB Percent	18%, 17%, 19%
CMY	0.8235, 0.8314, 0.8118
CMYK	0.06, 0.10, 0.00, 0.81
HSL	264°, 5%, 18%
HSV	264°, 10%, 19%
XYZ	2.4796, 2.4991, 3.1480
YIQ	44.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

Format	Color
RYB	45, 43, 48
Decimal	2960176
CIELab	17.91, 2.11, -2.91
CIELCh	18, 3.594, 305.922
Yxy	2.4992, 0.3051, 0.3075
Android (android.graphics.Color)	4281150256 (0xFF2D2B30)
YUV	44.1680, 1.8892, 0.7297
Hunter-Lab	15.8084, 0.3334, -0.7408

Details

The HunterLab color **15.8084, 0.3334, -0.7408** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9388, -2.0356, 2.4017**, and the grayscale version is **15.9200, -0.8494, 0.8650**.

A 20% lighter version of the original color is **31.6413, 0.0511, -0.3449**, and **0.0000, NaN, NaN** is the 20% darker color. If you saturate the color by 10%, you get **14.5166, 1.5598, -2.4487**, and if you desaturate by 10%, it is **17.1365, -0.8680, 0.8692**.

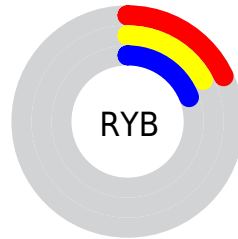
Distribution



Red (18%)

Green (17%)

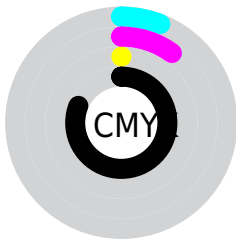
Blue (19%)



Red (18%)

Yellow (17%)

Blue (19%)

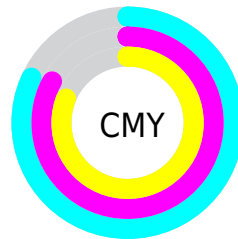


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (81%)



Cyan (82%)

Magenta (83%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8084, 0.3334, -0.7408 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 15.8084, 0.3334, -0.7408 by changing the saturation by 10% instead.

■ 15.8084, 0.3334,
-0.7408

■ 15.8084, 0.3334,
-0.7408

■ 110.4073, -3.6698,
3.0570

■ 9.3607, 0.4952,
-0.8628

■ 31.6866, -0.2158,
-0.2574

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.8992, -0.5790,
0.0785

0.0000, NaN, NaN

■ 50.8640, -0.9920,
0.4671

0.0000, NaN, NaN

■ 61.5277, -1.4500,
0.9035

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.8474, -1.9495,
1.3835

0.0000, NaN, NaN

■ 84.7870, -2.4875,

0.0000, NaN, NaN

1.9041

97.3158, -3.0616,
2.4627

15.8084, 0.3334,
-0.7408

15.8084, 0.3334,
-0.7408

14.5166, 1.5598,
-2.4487

17.1365, -0.8680,
0.8692

13.2648, 2.8168,
-4.2759

18.4961, -2.0479,
2.3975

12.0594, 4.1084,
-6.2455

19.8845, -3.2106,
3.8585

10.9078, 5.4368,
-8.3833

21.2991, -4.3596,
5.2639

9.8199, 6.7996,
-10.7137

22.7378, -5.4979,
6.6230

■ 8.8082, 8.1843,
-13.2521

■ 24.1988, -6.6280,
7.9438

■ 7.8874, 9.5631,
-15.9929

■ 25.6807, -7.7520,
9.2326

■ 6.9525, 11.2837,
-19.3653

■ 27.1821, -8.8715,
10.4947

■ 5.9484, 13.7743,
-23.9657

■ 28.7019, -9.9881,
11.7346

Harmonies

Analogous

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



15.8087, -0.6397, -1.1280



15.8084, 0.3334, -0.7408



15.8087, 1.0026, 0.0734

Triad

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



15.8087, 0.3330, -0.7405



15.8087, -0.0292, 2.4840



15.8087, -2.7643, 0.6651

Complementary

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



15.8084, 0.3334, -0.7408



16.9388, -2.0356, 2.4017

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.



15.8087, -2.6102, 1.6092



15.8084, 0.3334, -0.7408



15.8087, -1.0479, 2.6202

Square

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



15.8087, 0.3330, -0.7405



15.8087, 0.7897, 1.9252



15.8087, -1.9883, 2.3098



15.8087, -2.4147, -0.2838

Rectangle

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



15.8084, 0.3334, -0.7408



15.8087, 1.1776, 0.7261



15.8087, -1.9883, 2.3098



15.8087, -2.7696, 0.9937

Sweetspot

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



15.8087, 0.3330, -0.7405



21.1383, -0.6823, 0.5509



16.3939, -1.3587, -0.0352



11.2610, -0.3332, 0.2525



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.



15.8087, 0.3330, -0.7405



19.5648, 0.7571, -1.3958



15.9861, 0.9335, -0.5043



8.6669, 0.0233, -0.1864



10.1728, 24.1373, -45.4877



26.1300, 63.3673, -127.4459

Inverse Universe

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



15.9797, 0.8109, 0.2700



19.8282, 1.4873, 0.1693



16.7770, -2.6121, 2.2148



8.7370, 0.2209, 0.2256



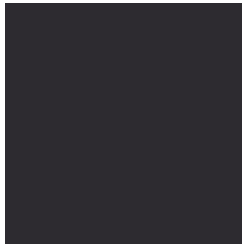
15.0333, 27.3957, -3.0823



39.8735, 72.2285, -4.8082

Previews

White Background



This preview shows how the HunterLab color 15.8084, 0.3334, -0.7408 looks on a white background.

Color Contrast Check

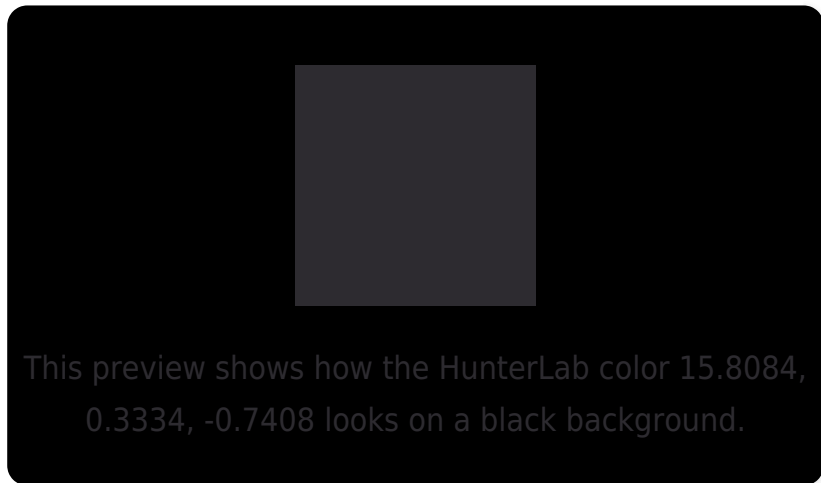
Large Text (above 18pt) WCAG AA ✓ Pass

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

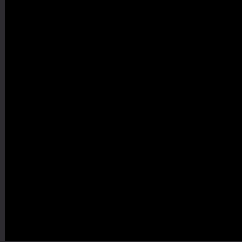
Any Text WCAG AA × Fail

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 15.8084, 0.3334, -0.7408 Background



This preview shows how black text looks on a background with the HunterLab color 15.8084, 0.3334, -0.7408.



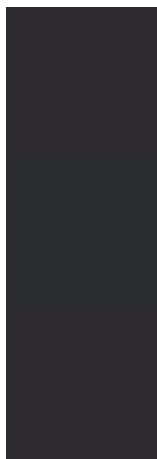
This preview shows how white text looks on a background with the HunterLab color 15.8084, 0.3334, -0.7408.

-0.7408.

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

15.8084, 0.3334, -0.7408

Protanopia

15.9008, -0.5426, -0.6382

Deuteranopia

15.8808, 0.5794, -0.6440



Tritanopia

15.7825, 0.1936, -0.3744

Trichromacy



Original Color

15.8084, 0.3334, -0.7408

Protanomaly

15.9695, -0.3056, -0.5469

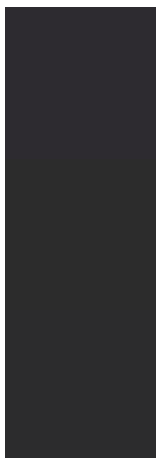
Deuteranomaly

15.8808, 0.5794, -0.6440

Tritanomaly

15.7825, 0.1936, -0.3744

Monochromacy



Original Color

15.8084, 0.3334, -0.7408

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8943, -0.7156, 0.5207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8084, 0.3334, -0.7408 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(45, 43, 48)` looks like.

```
.text, #text, p{  
    color:rgb(45, 43, 48)  
}
```

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(45, 43, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 43, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8084, 0.3334, -0.7408 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(45, 43, 48) }
```


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

```
.border{ border-color:rgb(45, 43, 48) }
```

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

Here you see how a box with a 4 pixel rgb(45, 43, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 43, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 43, 48);  
box-shadow:4px 4px 4px 4px rgb(45, 43, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8084, 0.3334, -0.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 43, 48) }
```

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

```
.background{ background-color: rgb(45, 43,  
48) }
```

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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