

# Converting Colors

HunterLab(15.8303, 1.2595,  
1.9879)

Have a look what the booklet for  
HunterLab(15.8303, 1.2595, 1.9879)  
contains.

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# Color

**HunterLab(15.8740, 1.3833,  
1.9702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	332A29
RGB	51, 42, 41
RGB Percent	20%, 16%, 16%
CMY	0.8000, 0.8353, 0.8392
CMYK	0.00, 0.18, 0.20, 0.80
HSL	6°, 11%, 18%
HSV	6°, 20%, 20%
XYZ	2.5934, 2.5198, 2.4475
YIQ	44.5770, 5.6850, 1.5970

# Conversions

## Conversions Part 2

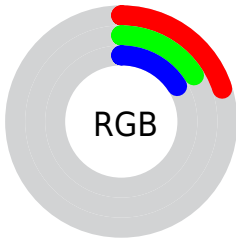
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 42, 41
Decimal	3353129
CIE Lab	18.01, 3.94, 2.19
CIE LCh	18, 4.508, 29.076
Yxy	2.5200, 0.3430, 0.3333
Android (android.graphics.Color)	4281543209 (0xFF332A29)
YUV	44.5770, -1.7635, 5.6330
Hunter-Lab	15.8740, 1.3833, 1.9702

# Details

The HunterLab color **15.8740, 1.3833, 1.9702** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.2962, -2.8931, -0.1290**, and the grayscale version is **16.0646, -0.8572, 0.8728**.

A 20% lighter version of the original color is **31.6696, 1.0409, 3.0504**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.7632, 2.6583, 2.4724**, and if you desaturate by 10%, it is **17.0363, 0.1590, 1.4687**.

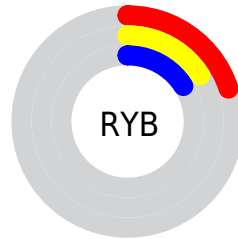
# Distribution



Red (20%)

Green (16%)

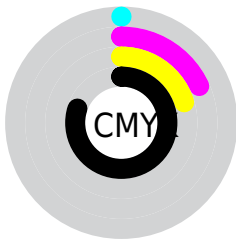
Blue (16%)



Red (20%)

Yellow (16%)

Blue (16%)

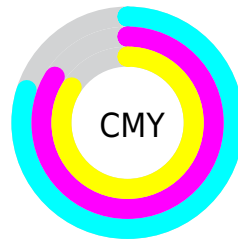


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8740, 1.3833, 1.9702 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 15.8740, 1.3833, 1.9702 by changing the saturation by 10% instead.



■ 15.8740, 1.3833,  
1.9702

■ 15.8740, 1.3833,  
1.9702

■ 110.5327, -1.7259,  
8.1878

■ 9.4159, 1.3922,  
1.4770

■ 31.7693, 1.0866,  
3.1432

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.9893, 0.8329,  
3.7761

0.0000, NaN, NaN

■ 50.9608, 0.5216,  
4.4396

0.0000, NaN, NaN

■ 61.6309, 0.1589,  
5.1331

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9566, -0.2507,  
5.8555

0.0000, NaN, NaN

■ 84.9018, -0.7032,

0.0000, NaN, NaN

6.6059

97.4360, -1.1958,  
7.3837

15.8740, 1.3833,  
1.9702

15.8740, 1.3833,  
1.9702

14.7632, 2.6583,  
2.4724

17.0363, 0.1590,  
1.4687

13.7098, 3.9862,  
2.9710

18.2430, -1.0161,  
0.9690

12.7227, 5.3629,  
3.4606

19.4894, -2.1470,  
0.4722

11.8117, 6.7772,  
3.9324

20.7715, -3.2383,  
-0.0212

10.9879, 8.2074,  
4.3736

22.0858, -4.2946,  
-0.5115

■ 10.2632, 9.6165,  
4.7669

■ 23.4292, -5.3201,  
-0.9987

■ 9.6426, 10.9200,  
5.1970

■ 24.7993, -6.3189,  
-1.4834

■ 9.0499, 12.2443,  
5.7531

■ 26.1940, -7.2944,  
-1.9659

■ 9.0258, 12.3010,  
5.7770

■ 27.6113, -8.2497,  
-2.4467

# Harmonies

## Analogous

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



15.8744, 1.7139, 0.8259



15.8740, 1.3833, 1.9702



15.8744, 0.4494, 2.7611

# Triad

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



15.8744, 1.3828, 1.9705



15.8744, -2.9238, 2.0315



15.8744, -0.8879, -1.6858

# Complementary

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



15.8740, 1.3833, 1.9702



17.2962, -2.8931, -0.1290

# 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.



15.8744, -2.1048, -1.3004



15.8740, 1.3833, 1.9702



15.8744, -3.2569, 0.9021

# Square

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



15.8744, 1.3828, 1.9705



15.8744, -2.0375, 2.7943



15.8744, -2.9618, -0.3281



15.8744, 0.3779, -1.3438



# Rectangle

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



15.8740, 1.3833, 1.9702



15.8744, -0.3742, 3.0143



15.8744, -2.9618, -0.3281



15.8744, -1.3160, -1.6366

# Sweetspot

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



15.8744, 1.3828, 1.9705



22.4592, -0.3004, 1.6802



15.8746, 2.9610, -1.4369



11.8619, -0.1620, 0.8857



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.



15.8744, 1.3828, 1.9705



19.6383, 2.7022, 2.9048



17.0205, -0.6097, 3.1694



9.4643, -0.0033, 0.7701



15.2650, 22.8762, 9.8067



39.0843, 63.2351, 25.1906



# Inverse Universe

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



17.2962, -2.8931, -0.1290



21.9817, -4.3594, -0.5590



16.0849, -0.9555, -1.6499



9.7965, -1.0000, 0.2801



25.5129, -11.7258, -6.5763

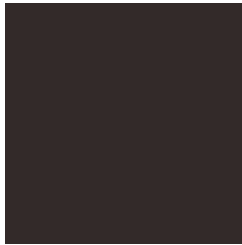


66.3702, -30.0353, -18.1194



# Previews

## White Background



This preview shows how the HunterLab color 15.8740, 1.3833, 1.9702 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

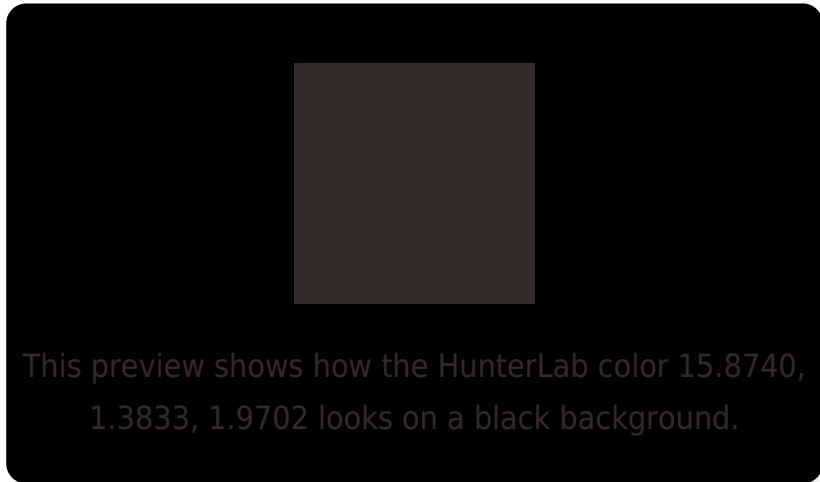
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

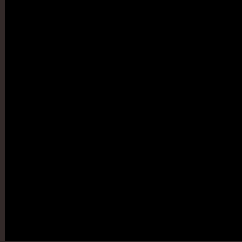
Any Text WCAG AA × Fail

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 15.8740, 1.3833, 1.9702 Background



This preview shows how black text looks on a background with the HunterLab color 15.8740, 1.3833, 1.9702.



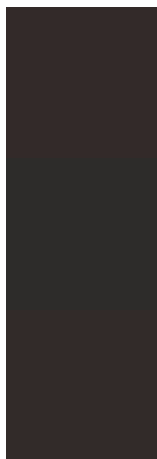
This preview shows how white text looks on a background with the HunterLab color 15.8740, 1.3833,



# 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

15.8740, 1.3833, 1.9702

### Protanopia

15.8947, -0.8545, 1.6084

### Deuteranopia

16.0186, 0.7116, 2.1183



## Tritanopia

15.7453, 2.2821, 0.3936

# Trichromacy



## Original Color

15.8740, 1.3833, 1.9702

## Protanomaly

15.8090, 0.0433, 1.5270

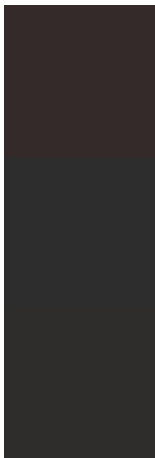
## Deuteranomaly

16.0186, 0.7116, 2.1183

## Tritanomaly

15.7211, 2.1542, 0.7383

# Monochromacy



## Original Color

15.8740, 1.3833, 1.9702

## Achromatopsia

16.1991, -0.8643, 0.8801

## Achromatomaly

16.0859, -0.1023, 1.1273

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.8740, 1.3833, 1.9702 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 41) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.8740, 1.3833, 1.9702 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, 41) }
```



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

```
.border{ border-color:rgb(51, 42, 41) }
```

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, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 41);  
box-shadow:4px 4px 4px 4px rgb(51, 42, 41)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 15.8740, 1.3833, 1.9702 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, 41) }
```

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

```
.background{ background-color: rgb(51, 42,  
41) }
```

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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