

Converting Colors

HunterLab(15.7775, 10.0458,
3.2924)

Have a look what the booklet for
HunterLab(15.7775, 10.0458,
3.2924) contains.

HunterLab(15.7686, 10.1233, 3.3128)	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(15.7686, 10.1233,
3.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	452125
RGB	69, 33, 37
RGB Percent	27%, 13%, 15%
CMY	0.7294, 0.8706, 0.8549
CMYK	0.00, 0.52, 0.46, 0.73
HSL	353°, 35%, 20%
HSV	353°, 52%, 27%
XYZ	3.3320, 2.4865, 2.0546
YIQ	44.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

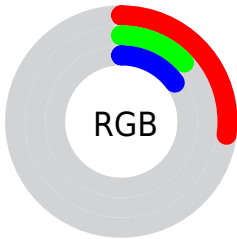
Format	Color
RYB	69, 33, 37
Decimal	4530469
CIELab	17.86, 17.70, 5.13
CIELCh	18, 18.431, 16.160
Yxy	2.4866, 0.4232, 0.3158
Android (android.graphics.Color)	4282720549 (0xFF452125)
YUV	44.2200, -3.5595, 21.7321
Hunter-Lab	15.7686, 10.1233, 3.3128

Details

The HunterLab color **15.7686, 10.1233, 3.3128** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22.2739, -9.2514, 0.2503**, and the grayscale version is **15.9496, -0.8510, 0.8666**.

A 20% lighter version of the original color is **31.5671, 11.5803, 5.0330**, and **3.7208, 6.3721, 2.4043** is the 20% darker color. If you saturate the color by 10%, you get **14.5147, 12.3719, 3.9028**, and if you desaturate by 10%, it is **17.1802, 7.8392, 2.7917**.

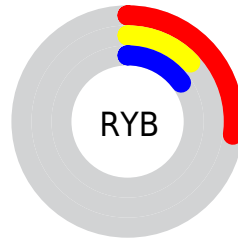
Distribution



Red (27%)

Green (13%)

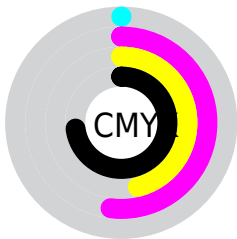
Blue (15%)



Red (27%)

Yellow (13%)

Blue (15%)

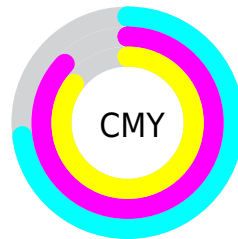


Cyan (0%)

Magenta (52%)

Yellow (46%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7686, 10.1233, 3.3128 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 15.7686, 10.1233, 3.3128 by changing the saturation by 10% instead.

■ 15.7686, 10.1233,
3.3128

■ 15.7686, 10.1233,
3.3128

■ 110.3313, 13.3525,
11.0162

■ 9.3270, 9.1642,
2.7875

■ 31.6365, 11.5496,
4.9232

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.8447, 12.0675,
5.7398

0.0000, NaN, NaN

■ 50.8053, 12.4803,
6.5716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4652, 12.8018,
7.4211

0.0000, NaN, NaN


■ 72.7813, 13.0422,
8.2898


0.0000, NaN, NaN


■ 84.7174, 13.2099,


0.0000, NaN, NaN

9.1783


 97.2429, 13.3115,
10.0870


 15.7686, 10.1233,
3.3128


 15.7686, 10.1233,
3.3128


 14.5147, 12.3719,
3.9028


 17.1802, 7.8392,
2.7917


 13.4420, 14.4971,
4.5464


 18.7256, 5.5782,
2.3420


 12.5746, 16.3723,
5.2140

 20.3853, 3.3687,
1.9606

 11.8751, 18.0316,
5.8209

 22.1429, 1.2225,
1.6412

 11.3225, 19.5385,
6.1666

 23.9850, -0.8583,
1.3764

■ 25.9005, -2.8775,
1.1589

■ 27.8807, -4.8409,
0.9822

■ 29.9180, -6.7556,
0.8405

■ 32.0067, -8.6282,
0.7288

Harmonies

Analogous

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



15.7690, 10.2561, -1.6269



15.7686, 10.1233, 3.3128



15.7690, 6.8108, 6.3496

Triad

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



15.7690, 10.1224, 3.3131



15.7690, -7.5076, 6.1830



15.7690, -3.1945, -11.6677

Complementary

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



15.7686, 10.1233, 3.3128



22.2739, -9.2514, 0.2503

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.



15.7690, -7.2669, -7.8006



15.7686, 10.1233, 3.3128



15.7690, -9.5268, 2.9951

Square

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



15.7690, 10.1224, 3.3131



15.7690, -3.5654, 7.5982



15.7690, -9.4449, -2.0681



15.7690, 2.0792, -11.4956

Rectangle

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



15.7686, 10.1233, 3.3128



15.7690, 3.4674, 7.3762



15.7690, -9.4449, -2.0681



15.7690, -4.7336, -10.7537

Sweetspot

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



15.7690, 10.1224, 3.3131



27.7379, 2.8237, 2.3086



16.2312, 13.2188, -10.3333



14.3308, 1.5962, 1.2202



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.7690, 10.1224, 3.3131



18.3670, 17.0237, 5.3443



18.4179, 3.9899, 6.7865



12.3163, 0.2596, 0.8334



16.4388, 28.2995, 9.4781



40.4893, 69.5147, 24.8025

Inverse Universe

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



15.7690, 10.1224, 3.3131



18.3670, 17.0237, 5.3443



18.7204, -3.4195, -6.3561



12.3163, 0.2596, 0.8334



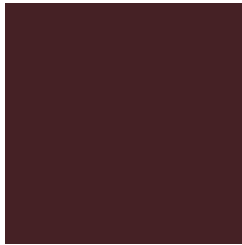
16.4388, 28.2995, 9.4781



40.4893, 69.5147, 24.8025

Previews

White Background



This preview shows how the HunterLab color 15.7686, 10.1233, 3.3128 looks on a white background.

Color Contrast Check

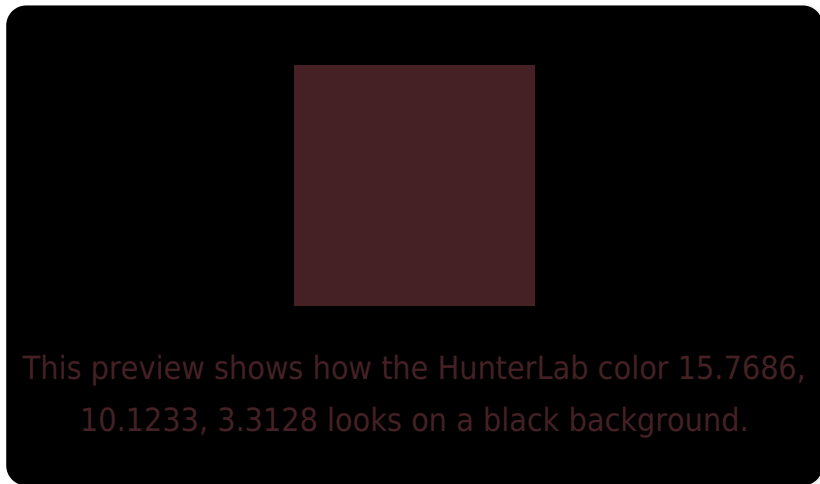
Large Text (above 18pt) WCAG AA ✓ Pass

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

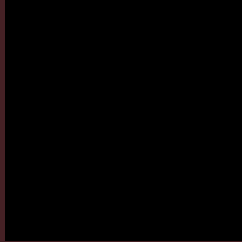
Any Text WCAG AA × Fail

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 15.7686, 10.1233, 3.3128 Background



This preview shows how black text looks on a background with the HunterLab color 15.7686, 10.1233, 3.3128.



This preview shows how white text looks on a background with the HunterLab color 15.7686, 10.1233,

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

15.7686, 10.1233, 3.3128

Protanopia

15.9894, -0.4806, 1.3694

Deuteranopia

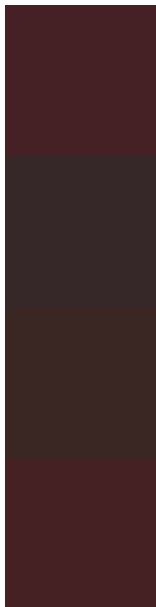
16.0598, 0.6094, 4.0362



Tritanopia

15.7490, 10.0292, 3.5965

Trichromacy



Original Color

15.7686, 10.1233, 3.3128

Protanomaly

15.6906, 3.0338, 1.7946

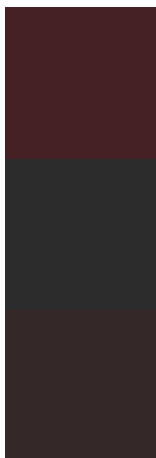
Deuteranomaly

15.7415, 4.0767, 3.4847

Tritanomaly

15.7490, 10.0292, 3.5965

Monochromacy



Original Color

15.7686, 10.1233, 3.3128

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6031, 2.7502, 1.6912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7686, 10.1233, 3.3128 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(69, 33, 37)` looks like.

```
.text, #text, p{  
    color:rgb(69, 33, 37)  
}
```

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(69, 33, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 33, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7686, 10.1233, 3.3128 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(69, 33, 37) }
```


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

```
.border{ border-color:rgb(69, 33, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 33, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 33, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 33, 37);  
box-shadow:4px 4px 4px 4px rgb(69, 33, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7686, 10.1233, 3.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 33, 37) }
```

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

```
.background{ background-color: rgb(69, 33,  
37) }
```

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