

Converting Colors

HunterLab(15.7038, 10.3591,
-0.8013)

Have a look what the booklet for
HunterLab(15.7038, 10.3591,
-0.8013) contains.

HunterLab(15.6824, 10.3918, -0.7266)	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(15.6824, 10.3918,
-0.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	422130
RGB	66, 33, 48
RGB Percent	26%, 13%, 19%
CMY	0.7412, 0.8706, 0.8118
CMYK	0.00, 0.50, 0.27, 0.74
HSL	333°, 33%, 19%
HSV	333°, 50%, 26%
XYZ	3.3241, 2.4594, 3.0958
YIQ	44.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

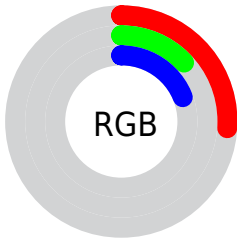
Format	Color
RYB	66, 33, 48
Decimal	4333872
CIELab	17.73, 18.11, -2.88
CIElCh	18, 18.334, 350.961
Yxy	2.4595, 0.3744, 0.2770
Android (android.graphics.Color)	4282523952 (0xFF422130)
YUV	44.5770, 1.6875, 18.7880
Hunter-Lab	15.6824, 10.3918, -0.7266

Details

The HunterLab color **15.6824, 10.3918, -0.7266** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.1160, -10.1300, 4.0396**, and the grayscale version is **16.0515, -0.8565, 0.8721**.

A 20% lighter version of the original color is **31.4671, 11.9543, -0.3538**, and **3.7208, 6.3721, 2.4043** is the 20% darker color. If you saturate the color by 10%, you get **14.4909, 12.6710, -0.7607**, and if you desaturate by 10%, it is **17.0103, 8.0416, -0.5377**.

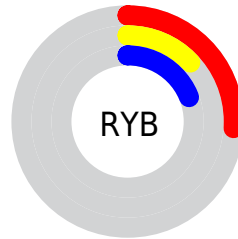
Distribution



Red (26%)

Green (13%)

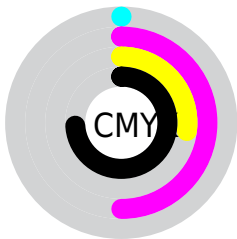
Blue (19%)



Red (26%)

Yellow (13%)

Blue (19%)

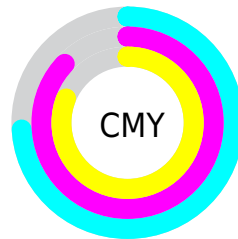


Cyan (0%)

Magenta (50%)

Yellow (27%)

Black (74%)



Cyan (74%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6824, 10.3918, -0.7266 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 15.6824, 10.3918, -0.7266 by changing the saturation by 10% instead.

■ 15.6824, 10.3918,
-0.7266

■ 15.6824, 10.3918,
-0.7266

■ 110.1663, 13.8055,
3.0768

■ 9.2534, 9.4133,
-0.8514

■ 31.5277, 11.8669,
-0.2419

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.7262, 12.4072,
0.0947

0.0000, NaN, NaN

■ 50.6779, 12.8412,
0.4840

0.0000, NaN, NaN

■ 61.3295, 13.1828,
0.9209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.6376, 13.4424,
1.4016

0.0000, NaN, NaN

■ 84.5663, 13.6284,

0.0000, NaN, NaN

1.9228

97.0847, 13.7476,
2.4819

15.6824, 10.3918,
-0.7266

15.6824, 10.3918,
-0.7266

14.4909, 12.6710,
-0.7607

17.0103, 8.0416,
-0.5377

13.4548, 14.7976,
-0.6140

18.4549, 5.6780,
-0.2220

12.5942, 16.6585,
-0.2653

20.0004, 3.3327,
0.1967

11.8944, 18.2246,
0.2547

21.6331, 1.0224,
0.6988

11.1895, 19.9990,
0.7368

23.3416, -1.2461,
1.2683

■ 11.1892, 19.9996,
0.7370

■ 25.1166, -3.4717,
1.8930

■ 26.9503, -5.6568,
2.5631

■ 28.8364, -7.8052,
3.2713

■ 30.7695, -9.9213,
4.0116

Harmonies

Analogous

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



15.6828, 7.7703, -6.4531



15.6824, 10.3918, -0.7266



15.6828, 9.7110, 3.9069

Triad

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



15.6828, 10.3910, -0.7262



15.6828, -4.2781, 7.4214



15.6828, -6.6867, -8.5521

Complementary

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



15.6824, 10.3918, -0.7266



21.1160, -10.1300, 4.0396

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.



15.6828, -9.1730, -2.9721



15.6824, 10.3918, -0.7266



15.6828, -7.9144, 5.7659

Square

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



15.6828, 10.3910, -0.7262



15.6828, 0.7751, 7.6819



15.6828, -9.5909, 2.2846



15.6828, -2.3877, -11.8505

Rectangle

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



15.6824, 10.3918, -0.7266



15.6828, 7.5093, 5.9223



15.6828, -9.5909, 2.2846



15.6828, -7.7373, -6.8089

Sweetspot

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



15.6828, 10.3910, -0.7262



27.2803, 3.0637, 0.5344



14.7468, 8.9632, -11.4793



13.7942, 1.6890, 0.2443



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



15.6828, 10.3910, -0.7262



18.7188, 17.4596, -0.9763



15.5498, 8.3306, 4.2408



11.6050, 0.3631, 0.4132



16.4866, 29.3387, 2.0880



41.0737, 72.6751, 8.4387

Inverse Universe

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



15.6828, 10.3910, -0.7262



18.7188, 17.4596, -0.9763



21.1799, -7.6078, -1.5109



11.6050, 0.3631, 0.4132



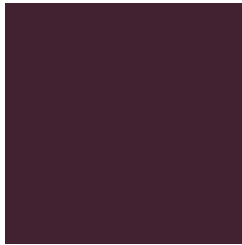
16.4866, 29.3387, 2.0880



41.0737, 72.6751, 8.4387

Previews

White Background



This preview shows how the HunterLab color 15.6824, 10.3918, -0.7266 looks on a white background.

Color Contrast Check

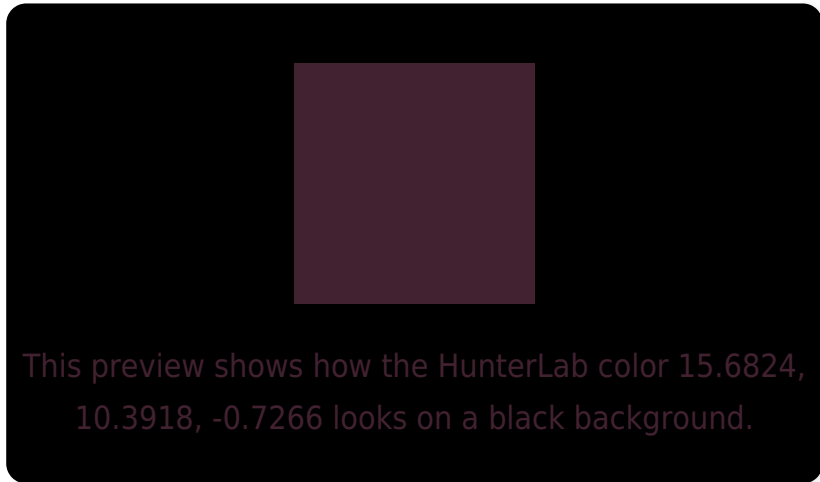
Large Text (above 18pt) WCAG AA ✓ Pass

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

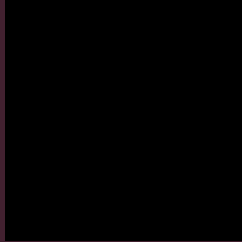
Any Text WCAG AA × Fail

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 15.6824, 10.3918, -0.7266 Background



This preview shows how black text looks on a background with the HunterLab color 15.6824, 10.3918, -0.7266.



This preview shows how white text looks on a background with the HunterLab color 15.6824, 10.3918, -0.7266.

-0.7266.

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

15.6824, 10.3918, -0.7266

Protanopia

15.9644, 0.0680, -3.5852

Deuteranopia

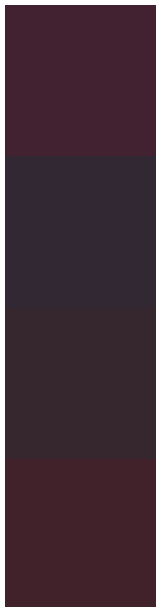
15.9039, 0.5562, 0.1736



Tritanopia

15.7029, 8.1093, 2.8944

Trichromacy



Original Color

15.6824, 10.3918, -0.7266

Protanomaly

15.6321, 3.4063, -2.6301

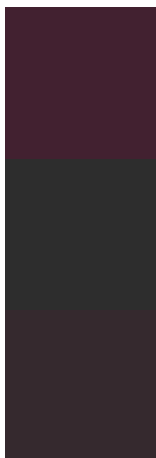
Deuteranomaly

15.6222, 4.1961, -0.5068

Tritanomaly

15.6046, 8.9524, 1.4494

Monochromacy



Original Color

15.6824, 10.3918, -0.7266

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.9374, 2.9575, 0.2566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6824, 10.3918, -0.7266 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(66, 33, 48)` looks like.

```
.text, #text, p{  
    color:rgb(66, 33, 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(66, 33, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 33, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6824, 10.3918, -0.7266 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(66, 33, 48) }
```


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

```
.border{ border-color:rgb(66, 33, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 33, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 33, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 33, 48);  
box-shadow:4px 4px 4px 4px rgb(66, 33, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6824, 10.3918, -0.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 33, 48) }
```

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

```
.background{ background-color: rgb(66, 33,  
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](#).

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