

Converting Colors

HunterLab(15.2735, 9.4817,
0.5346)

Have a look what the booklet for
HunterLab(15.2735, 9.4817, 0.5346)
contains.

HunterLab(15.3366, 9.1743, 0.7754)	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(15.3366, 9.1743,
0.7754)**

Conversions

Conversions Part 1

Format	Color
Hex	40212B
RGB	64, 33, 43
RGB Percent	25%, 13%, 17%
CMY	0.7490, 0.8706, 0.8314
CMYK	0.00, 0.48, 0.33, 0.75
HSL	341°, 32%, 19%
HSV	341°, 48%, 25%
XYZ	3.0942, 2.3521, 2.5764
YIQ	43.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

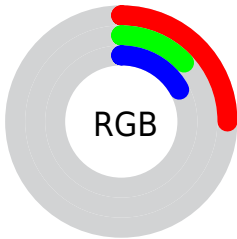
Format	Color
R_{YB}	64, 33, 43
Decimal	4202795
CIE Lab	17.24, 16.39, -0.11
CIE LCh	17, 16.392, 359.602
Yxy	2.3522, 0.3857, 0.2932
Android (android.graphics.Color)	4282392875 (0xFF40212B)
YUV	43.4090, -0.2016, 18.0583
Hunter-Lab	15.3366, 9.1743, 0.7754

Details

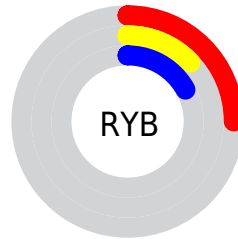
The HunterLab color **15.3366, 9.1743, 0.7754** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20.6313, -9.0542, 2.5242**, and the grayscale version is **15.6740, -0.8363, 0.8516**.

A 20% lighter version of the original color is **31.0871, 10.4579, 1.7303**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **14.1421, 11.3232, 0.9869**, and if you desaturate by 10%, it is **16.6599, 6.9850, 0.6902**.

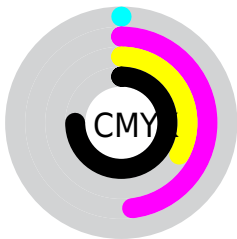
Distribution



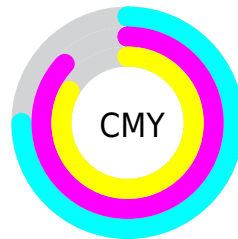
- Red (25%)
- Green (13%)
- Blue (17%)



- Red (25%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3366, 9.1743, 0.7754 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 15.3366, 9.1743, 0.7754 by changing the saturation by 10% instead.

■ 15.3366, 9.1743,
0.7754

■ 15.3366, 9.1743,
0.7754

■ 109.5023, 11.8864,
5.8469

■ 8.9507, 8.3439,
0.4345

■ 31.0906, 10.4702,
1.6176

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.2501, 10.9260,
2.1095

0.0000, NaN, NaN

■ 50.1656, 11.2794,
2.6430

0.0000, NaN, NaN

■ 60.7834, 11.5438,
3.2152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0598, 11.7293,
3.8235

0.0000, NaN, NaN

■ 83.9584, 11.8441,

0.0000, NaN, NaN

4.4661

96.4481, 11.8947,
5.1410

15.3366, 9.1743,
0.7754

15.3366, 9.1743,
0.7754

14.1421, 11.3232,
0.9869

16.6599, 6.9850,
0.6902

13.0952, 13.3631,
1.3381

18.0929, 4.8021,
0.7131

12.2166, 15.1926,
1.8348

19.6205, 2.6494,
0.8277

11.5053, 16.7489,
2.4494

21.2298, 0.5379,
1.0189

10.8032, 18.4956,
3.0005

22.9101, -1.5288,
1.2739

■ 10.6902, 18.8015,
3.0772

■ 24.6528, -3.5521,
1.5824

■ 26.4506, -5.5354,
1.9359

■ 28.2977, -7.4831,
2.3275

■ 30.1891, -9.4000,
2.7518

Harmonies

Analogous

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



15.3370, 7.6703, -4.1168



15.3366, 9.1743, 0.7754



15.3370, 7.7452, 4.4669

Triad

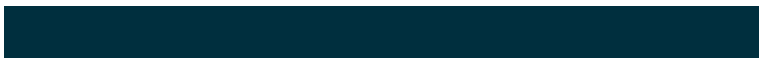
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.3370, 9.1735, 0.7757



15.3370, -4.9867, 6.5374



15.3370, -5.0821, -8.4508

Complementary

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



15.3366, 9.1743, 0.7754



20.6313, -9.0542, 2.5242

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.



15.3370, -7.8383, -3.9834



15.3366, 9.1743, 0.7754



15.3370, -7.7880, 4.5419

Square

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



15.3370, 9.1735, 0.7757



15.3370, -0.7571, 7.1341



15.3370, -8.7679, 0.8937



15.3370, -0.8811, -10.3239

Rectangle

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



15.3366, 9.1743, 0.7754



15.3370, 5.4094, 5.9983



15.3370, -8.7679, 0.8937



15.3370, -6.1892, -7.1480

Sweetspot

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



15.3370, 9.1735, 0.7757



26.4232, 2.7169, 1.1506



14.9435, 9.3595, -9.8728



13.7697, 1.5590, 0.5931



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.



15.3370, 9.1735, 0.7757



18.3136, 15.5180, 1.3846



16.1146, 5.9981, 4.7404



11.5951, 0.3093, 0.5554



16.2363, 28.4228, 5.7040



40.4773, 70.4868, 17.1001

Inverse Universe

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



15.3370, 9.1735, 0.7757



18.3136, 15.5180, 1.3846



19.5048, -5.6894, -2.8251



11.5951, 0.3093, 0.5554



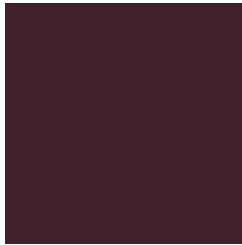
16.2363, 28.4228, 5.7040



40.4773, 70.4868, 17.1001

Previews

White Background



This preview shows how the HunterLab color 15.3366, 9.1743, 0.7754 looks on a white background.

Color Contrast Check

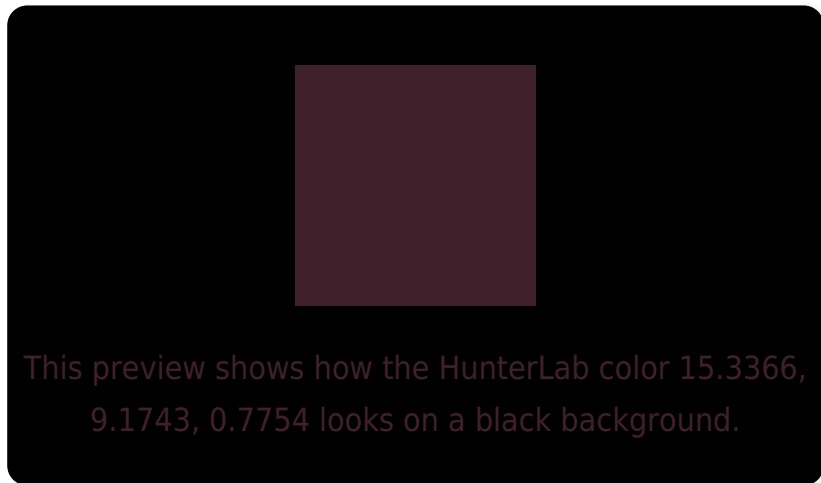
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3366, 9.1743, 0.7754 Background



This preview shows how black text looks on a background with the HunterLab color 15.3366, 9.1743, 0.7754.



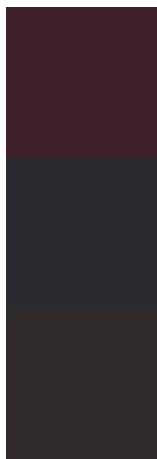
This preview shows how white text looks on a background with the HunterLab color 15.3366, 9.1743,

0.7754.

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

15.3366, 9.1743, 0.7754

Protanopia

15.6261, -0.2372, -1.4006

Deuteranopia

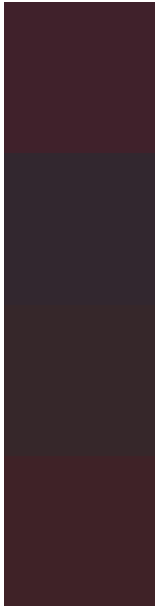
15.6572, 0.7000, 1.3653



Tritanopia

15.2787, 7.7953, 2.7591

Trichromacy



Original Color

15.3366, 9.1743, 0.7754

Protanomaly

15.2787, 3.1005, -0.9672

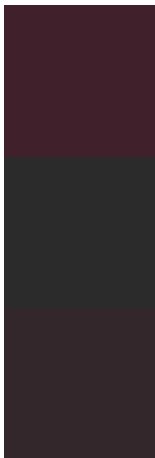
Deuteranomaly

15.4999, 3.5630, 1.2343

Tritanomaly

15.3209, 8.0024, 2.1527

Monochromacy



Original Color

15.3366, 9.1743, 0.7754

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.2619, 2.8446, 0.5753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3366, 9.1743, 0.7754 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(64, 33, 43)` looks like.

```
.text, #text, p{  
    color:rgb(64, 33, 43)  
}
```

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(64, 33, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 33, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3366, 9.1743, 0.7754 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(64, 33, 43) }
```


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

```
.border{ border-color:rgb(64, 33, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 33, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 33, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 33, 43);  
box-shadow:4px 4px 4px 4px rgb(64, 33, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3366, 9.1743, 0.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 33, 43) }
```

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

```
.background{ background-color: rgb(64, 33,  
43) }
```

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