

Converting Colors

HunterLab(15.9599, 8.7845,
4.1566)

Have a look what the booklet for
HunterLab(15.9599, 8.7845, 4.1566)
contains.

HunterLab(15.9761, 8.7818, 4.0970)	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(15.9761, 8.7818,
4.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	442323
RGB	68, 35, 35
RGB Percent	27%, 14%, 14%
CMY	0.7333, 0.8627, 0.8627
CMYK	0.00, 0.49, 0.49, 0.73
HSL	0°, 32%, 20%
HSV	0°, 49%, 27%
XYZ	3.2883, 2.5524, 1.9094
YIQ	44.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

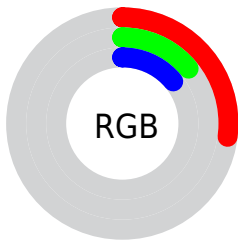
Format	Color
R_{YB}	68, 35, 35
Decimal	4465443
CIE Lab	18.15, 15.71, 6.93
CIE LCh	18, 17.166, 23.793
Yxy	2.5525, 0.4243, 0.3293
Android (android.graphics.Color)	4282655523 (0xFF442323)
YUV	44.8670, -4.8644, 20.2876
Hunter-Lab	15.9761, 8.7818, 4.0970

Details

The HunterLab color **15.9761, 8.7818, 4.0970** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22.1555, -8.1284, -1.1252**, and the grayscale version is **16.1667, -0.8626, 0.8784**.

A 20% lighter version of the original color is **31.8644, 10.0658, 6.0471**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **14.6762, 10.9988, 4.7467**, and if you desaturate by 10%, it is **17.4258, 6.5778, 3.4635**.

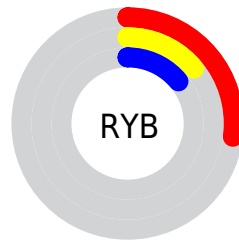
Distribution



Red (27%)

Green (14%)

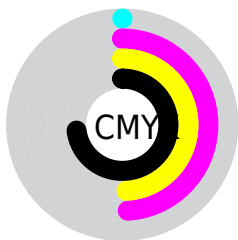
Blue (14%)



Red (27%)

Yellow (14%)

Blue (14%)

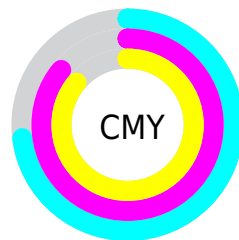


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9761, 8.7818, 4.0970 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 15.9761, 8.7818, 4.0970 by changing the saturation by 10% instead.

■ 15.9761, 8.7818,
4.0970

■ 15.9761, 8.7818,
4.0970

■ 110.7276, 11.1172,
12.7429

■ 9.5018, 7.9444,
3.5390

■ 31.8980, 9.9723,
5.9868

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.1294, 10.3817,
6.9202

0.0000, NaN, NaN

■ 51.1114, 10.6921,
7.8587

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7914, 10.9160,
8.8070

0.0000, NaN, NaN


■ 73.1263, 11.0635,
9.7680


0.0000, NaN, NaN


■ 85.0803, 11.1423,


0.0000, NaN, NaN

10.7436


 97.6229, 11.1584,
11.7350


 15.9761, 8.7818,
4.0970


 15.9761, 8.7818,
4.0970


 14.6762, 10.9988,
4.7467


 17.4258, 6.5778,
3.4635


 13.5493, 13.1580,
5.3890


 19.0020, 4.4303,
2.8575


 12.6208, 15.1467,
5.9885

 20.6864, 2.3564,
2.2839

 11.8972, 16.8585,
6.5099

 22.4634, 0.3603,
1.7431

 11.1935, 18.6882,
7.0724

 24.3205, -1.5611,
1.2331

■ 11.0862, 18.9834,
7.1636

■ 26.2475, -3.4145,
0.7509

■ 28.2360, -5.2082,
0.2931

■ 30.2792, -6.9500,
-0.1433

■ 32.3716, -8.6475,
-0.5613

Harmonies

Analogous

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



15.9765, 9.7075, -0.1366



15.9761, 8.7818, 4.0970



15.9765, 5.1421, 6.5698

Triad

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



15.9765, 8.7809, 4.0973



15.9765, -7.8067, 5.3328



15.9765, -1.8656, -10.9465

Complementary

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



15.9761, 8.7818, 4.0970



22.1555, -8.1284, -1.1252

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.



15.9765, -6.0772, -8.2541



15.9761, 8.7818, 4.0970



15.9765, -9.2289, 1.8144

Square

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



15.9765, 8.7809, 4.0973



15.9765, -4.5014, 7.1170



15.9765, -8.6363, -3.2138



15.9765, 3.1546, -9.7803

Rectangle

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



15.9761, 8.7818, 4.0970



15.9765, 1.8801, 7.3326



15.9765, -8.6363, -3.2138



15.9765, -3.4145, -10.4420

Sweetspot

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



15.9765, 8.7809, 4.0973



27.9396, 2.3350, 2.8006



16.8771, 13.0703, -8.5838



14.4200, 1.3527, 1.4949



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.



15.9765, 8.7809, 4.0973



19.0436, 15.0612, 6.4239



19.3956, 1.8861, 7.1236



11.5712, 0.1802, 0.8961



15.9249, 27.2699, 10.2902



39.8893, 68.3098, 25.7755

Inverse Universe

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



22.1555, -8.1284, -1.1252



28.8336, -12.1561, -1.9934



17.8501, -1.8147, -7.1975



12.1665, -1.4078, 0.4067



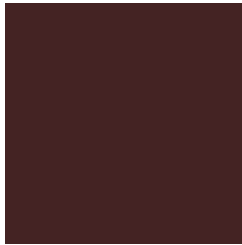
30.6448, -16.2453, -3.2345



76.7613, -40.6921, -8.1024

Previews

White Background



This preview shows how the HunterLab color 15.9761, 8.7818, 4.0970 looks on a white background.

Color Contrast Check

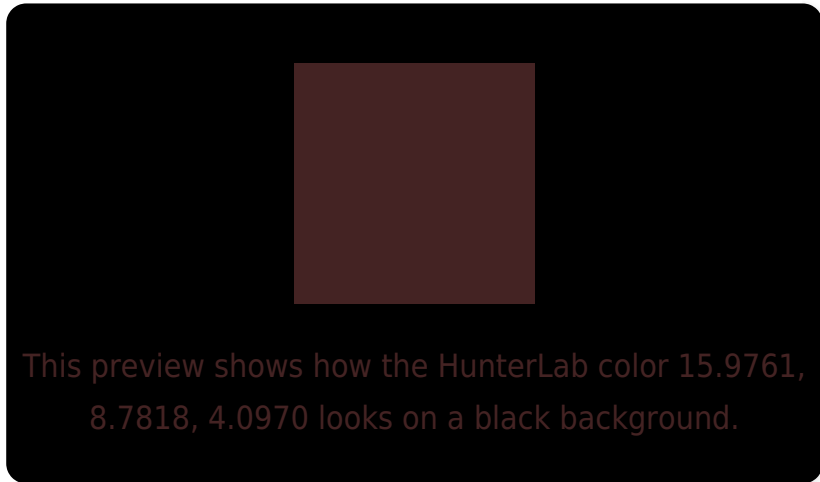
Large Text (above 18pt) WCAG AA ✓ Pass

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

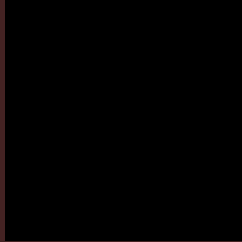
Any Text WCAG AA × Fail

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 15.9761, 8.7818, 4.0970 Background



This preview shows how black text looks on a background with the HunterLab color 15.9761, 8.7818, 4.0970.

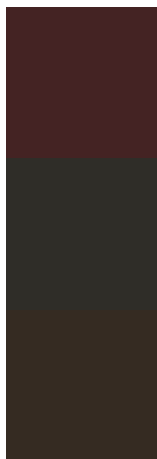


This preview shows how white text looks on a background with the HunterLab color 15.9761, 8.7818,

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

15.9761, 8.7818, 4.0970

Protanopia

16.2306, -0.9786, 2.6508

Deuteranopia

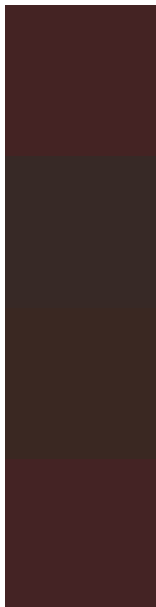
16.1249, 0.7933, 4.3854



Tritanopia

16.0143, 8.9679, 3.5449

Trichromacy



Original Color

15.9761, 8.7818, 4.0970

Protanomaly

15.9312, 2.5777, 3.0375

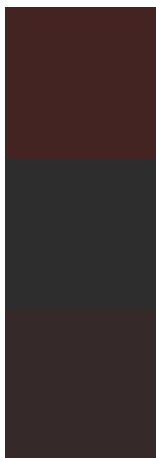
Deuteranomaly

15.9142, 3.4714, 4.2288

Tritanomaly

15.9949, 8.8737, 3.8245

Monochromacy



Original Color

15.9761, 8.7818, 4.0970

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.8204, 2.3423, 1.9275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9761, 8.7818, 4.0970 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(68, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(68, 35, 35)  
}
```

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(68, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 35, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9761, 8.7818, 4.0970 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(68, 35, 35) }
```


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

```
.border{ border-color:rgb(68, 35, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 35, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(68, 35, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9761, 8.7818, 4.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 35, 35) }
```

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

```
.background{ background-color: rgb(68, 35,  
35) }
```

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