

Converting Colors

HunterLab(16.7179, 8.8463,
6.0990)

Have a look what the booklet for
HunterLab(16.7179, 8.8463, 6.0990)
contains.

HunterLab(16.7170, 8.8476, 6.0995)	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(16.7170, 8.8476,
6.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	48251E
RGB	72, 37, 30
RGB Percent	28%, 15%, 12%
CMY	0.7176, 0.8549, 0.8824
CMYK	0.00, 0.49, 0.58, 0.72
HSL	10°, 41%, 20%
HSV	10°, 58%, 28%
XYZ	3.5684, 2.7946, 1.5796
YIQ	46.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

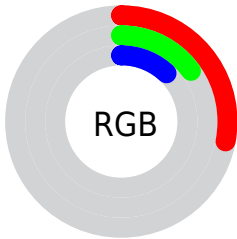
Format	Color
R_{YB}	72, 38, 30
Decimal	4728094
CIE _{Lab}	19.20, 15.69, 11.91
CIE _{LCh}	19, 19.701, 37.213
Yxy	2.7947, 0.4493, 0.3519
Android (android.graphics.Color)	4282918174 (0xFF48251E)
YUV	46.6670, -8.2168, 22.2170
Hunter-Lab	16.7170, 8.8476, 6.0995

Details


The HunterLab color **16.7170, 8.8476, 6.0995** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.2702, -7.0513, -4.1064**, and the grayscale version is **16.7710, -0.8949, 0.9112**.

A 20% lighter version of the original color is **32.7719, 10.3071, 8.6535**, and **4.5702, 7.8745, 2.5814** is the 20% darker color. If you saturate the color by 10%, you get **15.5528, 10.8313, 6.7228**, and if you desaturate by 10%, it is **18.0012, 6.9075, 5.3940**.

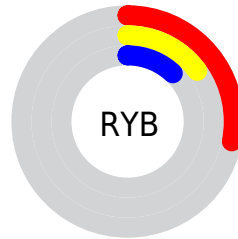
Distribution




 Red (28%)

 Green (15%)

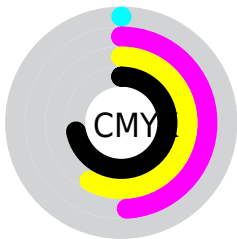
 Blue (12%)




 Red (28%)

 Yellow (15%)

 Blue (12%)

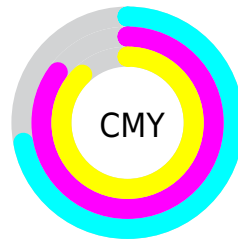


 Cyan (0%)


 Magenta (49%)

 Yellow (58%)

 Black (72%)



 Cyan (72%)

 Magenta (85%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7170, 8.8476, 6.0995 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 16.7170, 8.8476, 6.0995 by changing the saturation by 10% instead.

■ 16.7170, 8.8476,
6.0995

■ 16.7170, 8.8476,
6.0995

■ 112.1325, 11.0909,
17.4408

■ 10.1268, 8.0306,
5.4714

■ 32.8283, 10.0069,
8.7913

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.1412, 10.4044,
10.0595

0.0000, NaN, NaN

■ 52.1987, 10.7042,
11.3036

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.9492, 10.9190,
12.5343

0.0000, NaN, NaN

■ 74.3505, 11.0582,
13.7591

0.0000, NaN, NaN

■ 86.3676, 11.1293,

0.0000, NaN, NaN

14.9828

■ 98.9703, 11.1386,
16.2092

■ 16.7170, 8.8476,
6.0995

■ 16.7170, 8.8476,
6.0995

■ 15.5528, 10.8313,
6.7228

■ 18.0012, 6.9075,
5.3940

■ 14.5235, 12.8160,
7.2358

■ 19.3890, 5.0396,
4.6278

■ 13.6454, 14.7289,
7.6180

■ 20.8675, 3.2541,
3.8183

■ 12.9162, 16.4103,
8.0880

■ 22.4254, 1.5532,
2.9778

■ 12.8091, 16.6586,
8.1846

■ 24.0529, -0.0664,
2.1149

■ 25.7420, -1.6108,
1.2355

■ 27.4859, -3.0872,
0.3438

■ 29.2789, -4.5031,
-0.5578

■ 31.1163, -5.8655,
-1.4673

Harmonies

Analogous

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



16.7174, 11.5399, 2.1764



16.7170, 8.8476, 6.0995



16.7174, 3.6048, 7.9888

Triad

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



16.7174, 8.8466, 6.0998



16.7174, -9.9078, 4.4901



16.7174, 0.5169, -13.2342

Complementary

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



16.7170, 8.8476, 6.0995



21.2702, -7.0513, -4.1064

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.



16.7174, -4.9602, -11.9680



16.7170, 8.8476, 6.0995



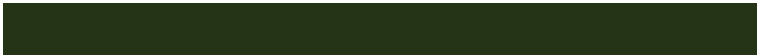
16.7174, -10.5020, -0.4640

Square

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



16.7174, 8.8466, 6.0998



16.7174, -7.0634, 7.3024



16.7174, -8.8128, -6.7752



16.7174, 6.3269, -9.8097

Rectangle

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



16.7170, 8.8476, 6.0995



16.7174, -0.3523, 8.3723



16.7174, -8.8128, -6.7752



16.7174, -1.4267, -13.3581

Sweetspot

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



16.7174, 8.8466, 6.0998



29.7243, 1.9071, 3.8556



16.3949, 15.8486, -7.7056



15.2555, 1.0805, 2.0401



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.7174, 8.8466, 6.0998



19.8882, 15.4680, 9.1933



21.2074, 0.0884, 9.6355



12.4387, -0.0143, 1.1066



17.5102, 24.2919, 11.2150



42.0697, 63.6408, 27.0373

Inverse Universe

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



21.2702, -7.0513, -4.1064



27.0263, -10.0279, -6.9347



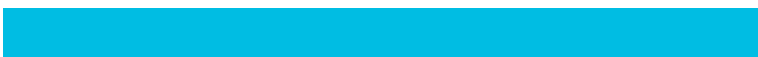
15.9539, 1.2357, -12.9320



12.8178, -1.2956, 0.2658



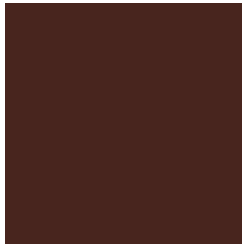
26.6010, -10.6045, -10.3568



64.7976, -25.0234, -26.9730

Previews

White Background



This preview shows how the HunterLab color 16.7170, 8.8476, 6.0995 looks on a white background.

Color Contrast Check

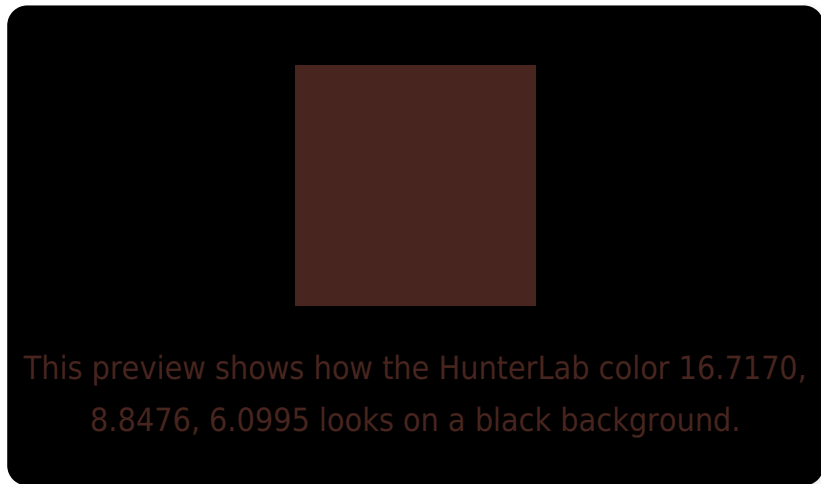
Large Text (above 18pt) WCAG AA ✓ Pass

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

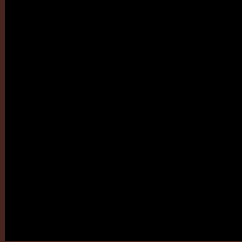
Any Text WCAG AA × Fail

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 16.7170, 8.8476, 6.0995 Background



This preview shows how black text looks on a background with the HunterLab color 16.7170, 8.8476, 6.0995.

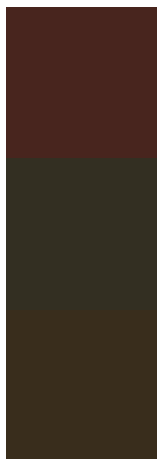


This preview shows how white text looks on a background with the HunterLab color 16.7170, 8.8476,

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

16.7170, 8.8476, 6.0995

Protanopia

16.8888, -1.3308, 5.0707

Deuteranopia

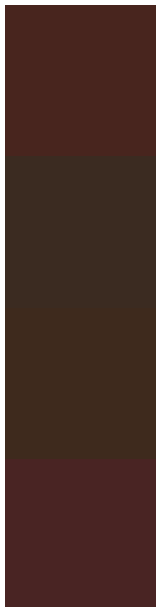
16.8240, 0.6404, 6.5064



Tritanopia

16.7874, 10.2659, 4.0477

Trichromacy



Original Color

16.7170, 8.8476, 6.0995

Protanomaly

16.6354, 2.4563, 5.1655

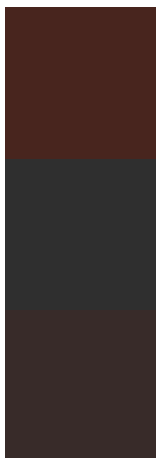
Deuteranomaly

16.6396, 3.4527, 6.1719

Tritanomaly

16.7319, 9.9986, 4.8506

Monochromacy



Original Color

16.7170, 8.8476, 6.0995

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.5185, 2.3763, 2.6905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7170, 8.8476, 6.0995 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(72, 37, 30)` looks like.

```
.text, #text, p{  
    color:rgb(72, 37, 30)  
}
```

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(72, 37, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 37, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7170, 8.8476, 6.0995 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(72, 37, 30) }
```


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

```
.border{ border-color:rgb(72, 37, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 37, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 37, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 37, 30);  
box-shadow:4px 4px 4px 4px rgb(72, 37, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7170, 8.8476, 6.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 37, 30) }
```

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

```
.background{ background-color: rgb(72, 37,  
30) }
```

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