

Converting Colors

HunterLab(15.9519, 12.7999,
8.5128)

Have a look what the booklet for
HunterLab(15.9519, 12.7999,
8.5128) contains.

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Color

**HunterLab(16.0622, 12.8473,
8.5888)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4E1E0E |
| RGB | 78, 30, 14 |
| RGB Percent | 31%, 12%, 5% |
| CMY | 0.6941, 0.8823, 0.9451 |
| CMYK | 0.00, 0.62, 0.82, 0.69 |
| HSL | 15°, 70%, 18% |
| HSV | 15°, 82%, 31% |
| XYZ | 3.6854, 2.5799, 0.7192 |
| YIQ | 42.5280, 33.7440, 5.2000 |

Conversions

Conversions Part 2

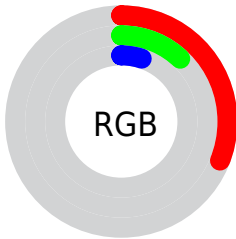
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 35, 14 |
| Decimal | 5119502 |
| CIE _{Lab} | 18.28, 21.49, 21.22 |
| CIE _{LCh} | 18, 30.203, 44.646 |
| Yxy | 2.5801, 0.5276, 0.3694 |
| Android (android.graphics.Color) | 4283309582 (0xFF4E1E0E) |
| YUV | 42.5280, -14.0643, 31.1089 |
| Hunter-Lab | 16.0622, 12.8473, 8.5888 |

Details

The HunterLab color **16.0622, 12.8473, 8.5888** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20.2197, -6.4399, -8.7885**, and the grayscale version is **15.4256, -0.8231, 0.8381**.

A 20% lighter version of the original color is **32.0774, 14.4415, 12.8640**, and **4.8498, 8.3506, 2.7835** is the 20% darker color. If you saturate the color by 10%, you get **15.1423, 14.8261, 8.8930**, and if you desaturate by 10%, it is **17.1163, 10.8346, 8.1422**.

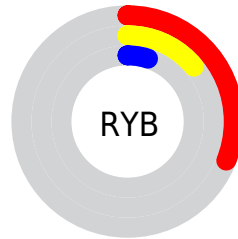
Distribution



Red (31%)

Green (12%)

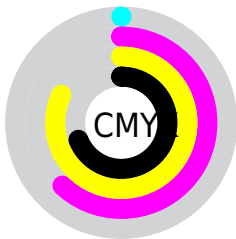
Blue (5%)



Red (31%)

Yellow (14%)

Blue (5%)

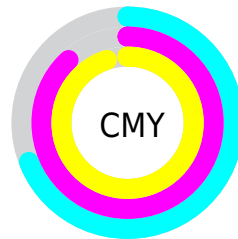


Cyan (0%)

Magenta (62%)

Yellow (82%)

Black (69%)



Cyan (69%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0622, 12.8473, 8.5888 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 16.0622, 12.8473, 8.5888 by changing the saturation by 10% instead.

■ 16.0622, 12.8473,
8.5888

■ 16.0622, 12.8473,
8.5888

■ 110.8917, 17.6388,
25.2719

■ 9.5743, 11.6912,
6.7020

■ 32.0064, 14.6697,
12.8535

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.2474, 15.3755,
14.8014

0.0000, NaN, NaN

■ 51.2383, 15.9682,
16.6602

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9265, 16.4620,
18.4550

0.0000, NaN, NaN


■ 73.2692, 16.8679,
20.2028


0.0000, NaN, NaN


■ 85.2306, 17.1947,


0.0000, NaN, NaN


21.9160


 97.7803, 17.4497,
23.6034


 16.0622, 12.8473,
8.5888


 16.0622, 12.8473,
8.5888


 15.1423, 14.8261,
8.8930


 17.1163, 10.8346,
8.1422

 14.5005, 16.2727,
9.2200

 18.2928, 8.8593,
7.5322

 19.5786, 6.9542,
6.7853

 20.9610, 5.1380,
5.9265

 22.4288, 3.4179,
4.9767

■ 23.9721, 1.7939,
3.9533

■ 25.5824, 0.2616,
2.8700

■ 27.2523, -1.1857,
1.7373

■ 28.9758, -2.5557,
0.5634

Harmonies

Analogous

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



16.0626, 18.7210, 4.3971



16.0622, 12.8473, 8.5888



16.0626, 3.8113, 10.6279

Triad

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



16.0626, 12.8460, 8.5890



16.0626, -14.0061, 4.5401



16.0626, 3.5900, -23.3671

Complementary

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



16.0622, 12.8473, 8.5888



20.2197, -6.4399, -8.7885

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.



16.0626, -5.0481, -23.2536



16.0622, 12.8473, 8.5888



16.0626, -14.0405, -3.6873

Square

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



16.0626, 12.8460, 8.5890



16.0626, -10.9961, 8.6572



16.0626, -11.1030, -14.7907



16.0626, 12.6546, -15.0483

Rectangle

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



16.0622, 12.8473, 8.5888



16.0626, -2.1893, 10.8805



16.0626, -11.1030, -14.7907



16.0626, 0.5183, -24.4146

Sweetspot

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



16.0626, 12.8460, 8.5890



30.8563, 3.1863, 5.7554



15.1049, 22.8260, -8.1817



15.2156, 1.7861, 2.9965



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.0626, 12.8460, 8.5890



19.0123, 21.9654, 11.9172



22.5757, -0.4187, 12.8126



13.2643, -0.1229, 1.2621



18.8197, 22.4376, 11.9894



44.3901, 58.8563, 28.3834

Inverse Universe

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



20.2197, -6.4399, -8.7885



25.0620, -7.6906, -14.4297



12.5378, 6.8247, -26.2390



13.5292, -1.2676, 0.1854



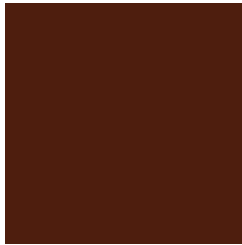
24.8933, -7.5883, -14.7334



59.3582, -16.7075, -38.1259

Previews

White Background



This preview shows how the HunterLab color 16.0622, 12.8473, 8.5888 looks on a white background.

Color Contrast Check

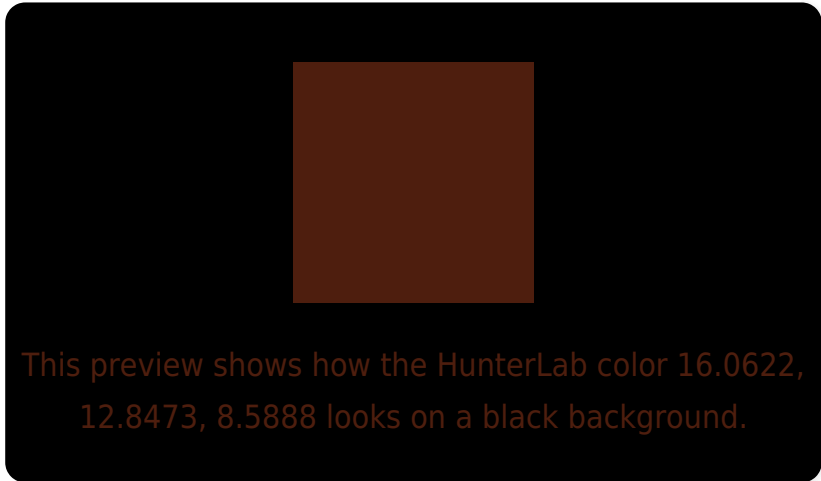
Large Text (above 18pt) WCAG AA ✓ Pass

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

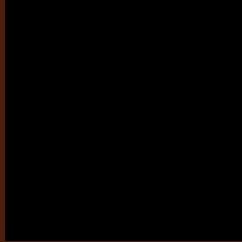
Any Text WCAG AA × Fail

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 16.0622, 12.8473, 8.5888 Background



This preview shows how black text looks on a background with the HunterLab color 16.0622, 12.8473, 8.5888.

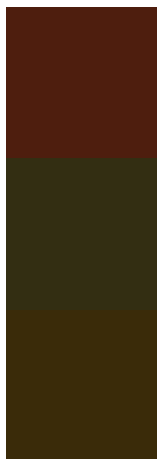


This preview shows how white text looks on a background with the HunterLab color 16.0622, 12.8473, 8.5888.

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

16.0622, 12.8473, 8.5888

Protanopia

16.4361, -2.1404, 8.0261

Deuteranopia

16.2697, 0.6911, 9.0956



Tritanopia

16.0826, 14.8532, 5.6419

Trichromacy



Original Color

16.0622, 12.8473, 8.5888

Protanomaly

15.9692, 3.1777, 7.9268

Deuteranomaly

15.9192, 5.0343, 8.7183

Tritanomaly

16.1460, 14.0719, 7.0222

Monochromacy



Original Color

16.0622, 12.8473, 8.5888

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.2685, 3.4974, 4.1633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0622, 12.8473, 8.5888 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(78, 30, 14)` looks like.

```
.text, #text, p{  
    color:rgb(78, 30, 14)  
}
```

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(78, 30, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 30, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0622, 12.8473, 8.5888 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(78, 30, 14) }
```


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

```
.border{ border-color:rgb(78, 30, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 30, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 30, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 30, 14);  
box-shadow:4px 4px 4px 4px rgb(78, 30, 14)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0622, 12.8473, 8.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 30, 14) }
```

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

```
.background{ background-color: rgb(78, 30,  
14) }
```

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](#).

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