

Converting Colors

HunterLab(16.0406, 13.8559,
6.5145)

Have a look what the booklet for
HunterLab(16.0406, 13.8559,
6.5145) contains.

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Color

**HunterLab(16.0406, 13.8559,
6.5145)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1D1A
RGB	78, 29, 26
RGB Percent	31%, 11%, 10%
CMY	0.6941, 0.8863, 0.8980
CMYK	0.00, 0.63, 0.67, 0.69
HSL	3°, 50%, 20%
HSV	3°, 67%, 31%
XYZ	3.7677, 2.5730, 1.2753
YIQ	43.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

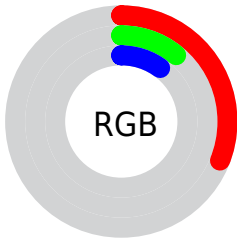
Format	Color
RYB	78, 29, 26
Decimal	5119258
CIELab	18.25, 22.87, 13.62
CIELCh	18, 26.622, 30.782
Yxy	2.5731, 0.4947, 0.3378
Android (android.graphics.Color)	4283309338 (0xFF4E1D1A)
YUV	43.3090, -8.5333, 30.4240
Hunter-Lab	16.0406, 13.8559, 6.5145

Details

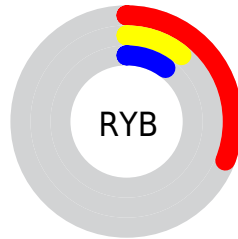
The HunterLab color **16.0406, 13.8559, 6.5145** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.0861, -10.1577, -3.0784**, and the grayscale version is **15.6644, -0.8358, 0.8511**.

A 20% lighter version of the original color is **31.9494, 15.5802, 9.5116**, and **5.1323, 8.8319, 2.9854** is the 20% darker color. If you saturate the color by 10%, you get **14.9154, 16.1796, 7.1650**, and if you desaturate by 10%, it is **17.3702, 11.4194, 5.7892**.

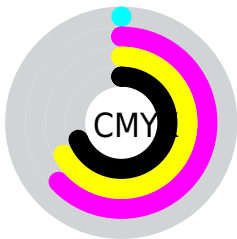
Distribution



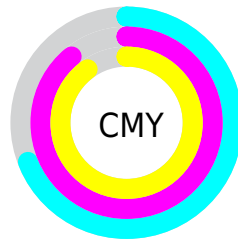
- Red (31%)
- Green (11%)
- Blue (10%)



- Red (31%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (69%)



- Cyan (69%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0406, 13.8559, 6.5145 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 16.0406, 13.8559, 6.5145 by changing the saturation by 10% instead.

■ 16.0406, 13.8559,
6.5145

■ 16.0406, 13.8559,
6.5145

■ 110.8506, 19.2183,
18.8380

■ 9.5561, 12.6331,
6.4319

■ 31.9792, 15.8212,
9.5123

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.2178, 16.5956,
10.9039

0.0000, NaN, NaN

■ 51.2065, 17.2542,
12.2588

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8926, 17.8112,
13.5907

0.0000, NaN, NaN

■ 73.2334, 18.2778,
14.9090

0.0000, NaN, NaN

■ 85.1930, 18.6631,

0.0000, NaN, NaN

16.2201

97.7408, 18.9746,
17.5286

16.0406, 13.8559,
6.5145

16.0406, 13.8559,
6.5145

14.9154, 16.1796,
7.1650

17.3702, 11.4194,
5.7892

14.0171, 18.2578,
7.6935

18.8766, 8.9729,
5.0259

13.3280, 19.9562,
8.2299

20.5353, 6.5757,
4.2511

13.1052, 20.5255,
8.4347

22.3245, 4.2589,
3.4807

24.2254, 2.0340,
2.7235

■ 26.2228, -0.0990,
1.9832

■ 28.3040, -2.1461,
1.2608

■ 30.4589, -4.1160,
0.5554

■ 32.6790, -6.0179,
-0.1342

Harmonies

Analogous

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



16.0410, 16.6811, 1.0632



16.0406, 13.8559, 6.5145



16.0410, 6.9821, 9.1035

Triad

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



16.0410, 13.8547, 6.5148



16.0410, -11.7913, 6.3161



16.0410, -0.6553, -20.3957

Complementary

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



16.0406, 13.8559, 6.5145



24.0861, -10.1577, -3.0784

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.



16.0410, -7.4301, -16.7934



16.0406, 13.8559, 6.5145



16.0410, -13.0845, 0.6808

Square

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



16.0410, 13.8547, 6.5148



16.0410, -7.7183, 9.0096



16.0410, -11.6481, -8.0766



16.0410, 7.3958, -16.4238

Rectangle

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



16.0406, 13.8559, 6.5145



16.0410, 1.5707, 9.8899



16.0410, -11.6481, -8.0766



16.0410, -3.1480, -20.0192

Sweetspot

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



16.0410, 13.8547, 6.5148



30.9524, 3.8693, 4.0020



16.9469, 20.8481, -12.7328



15.2663, 2.1459, 2.0707



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.



16.0410, 13.8547, 6.5148



18.9124, 23.1494, 9.9252



20.9494, 3.1768, 10.1987



13.1001, 0.1590, 1.0792



17.1833, 27.5144, 11.0699



41.2732, 68.8486, 26.6377

Inverse Universe

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



24.0861, -10.1577, -3.0784



31.1687, -14.4783, -4.9591



17.3202, -0.2558, -14.0050



13.7004, -1.5435, 0.3876



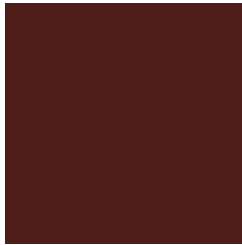
30.5697, -15.0105, -5.8062



74.1102, -36.1635, -14.5648

Previews

White Background



This preview shows how the HunterLab color 16.0406, 13.8559, 6.5145 looks on a white background.

Color Contrast Check

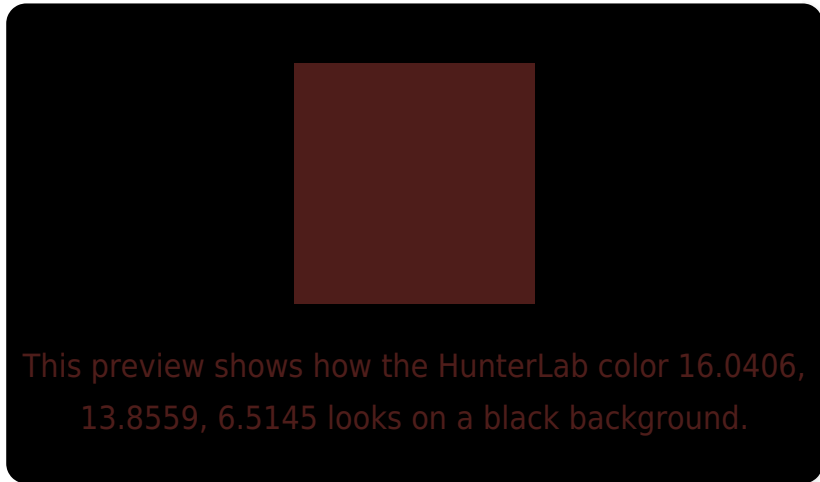
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0406, 13.8559, 6.5145 Background



This preview shows how black text looks on a background with the HunterLab color 16.0406, 13.8559, 6.5145.

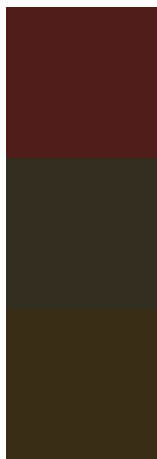


This preview shows how white text looks on a background with the HunterLab color 16.0406, 13.8559,

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

16.0406, 13.8559, 6.5145

Protanopia

16.4659, -1.6668, 5.1965

Deuteranopia

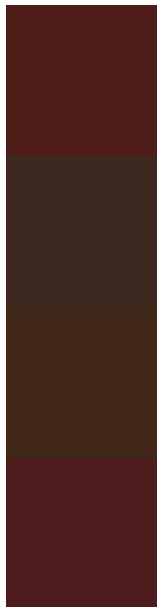
16.4438, 0.3828, 7.2165



Tritanopia

15.9498, 14.5199, 5.5164

Trichromacy



Original Color

16.0406, 13.8559, 6.5145

Protanomaly

16.0374, 3.7294, 5.4065

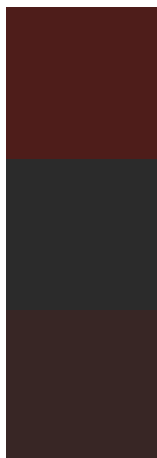
Deuteranomaly

16.1461, 4.9625, 6.8628

Tritanomaly

15.9340, 14.4487, 5.7461

Monochromacy



Original Color

16.0406, 13.8559, 6.5145

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3641, 3.9927, 2.7829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0406, 13.8559, 6.5145 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, 29, 26)` looks like.

```
.text, #text, p{  
    color:rgb(78, 29, 26)  
}
```

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, 29, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 29, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0406, 13.8559, 6.5145 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, 29, 26) }
```


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

```
.border{ border-color:rgb(78, 29, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 29, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 29, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 29, 26);  
box-shadow:4px 4px 4px 4px rgb(78, 29, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0406, 13.8559, 6.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 29, 26) }
```

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

```
.background{ background-color: rgb(78, 29,  
26) }
```

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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