

Converting Colors

HunterLab(16.5875, 8.4409,
6.2140)

Have a look what the booklet for
HunterLab(16.5875, 8.4409, 6.2140)
contains.

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Color

**HunterLab(16.5875, 8.4409,
6.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	47251D
RGB	71, 37, 29
RGB Percent	28%, 15%, 11%
CMY	0.7216, 0.8549, 0.8863
CMYK	0.00, 0.48, 0.59, 0.72
HSL	11°, 42%, 20%
HSV	11°, 59%, 28%
XYZ	3.4819, 2.7515, 1.5100
YIQ	46.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

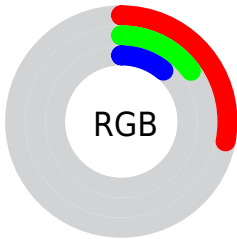
Format	Color
R_{YB}	71, 39, 29
Decimal	4662557
CIE _{Lab}	19.02, 15.11, 12.33
CIE _{LCh}	19, 19.502, 39.210
Yxy	2.7516, 0.4497, 0.3553
Android (android.graphics.Color)	4282852637 (0xFF47251D)
YUV	46.2540, -8.5062, 21.7022
Hunter-Lab	16.5875, 8.4409, 6.2140

Details

The HunterLab color **16.5875, 8.4409, 6.2140** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20.6663, -6.6142, -4.4836**, and the grayscale version is **16.6353, -0.8876, 0.9038**.

A 20% lighter version of the original color is **32.6392, 9.8528, 8.8345**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **15.4612, 10.3380, 6.8165**, and if you desaturate by 10%, it is **17.8247, 6.5935, 5.5203**.

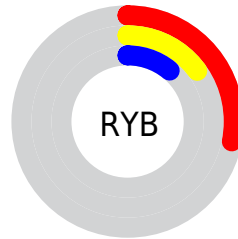
Distribution



Red (28%)

Green (15%)

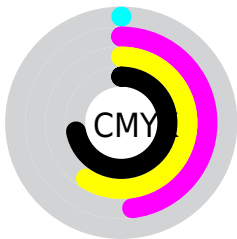
Blue (11%)



Red (28%)

Yellow (15%)

Blue (11%)

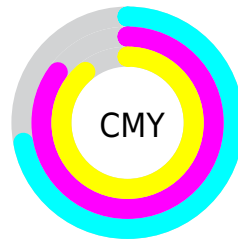


Cyan (0%)

Magenta (48%)

Yellow (59%)

Black (72%)



Cyan (72%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5875, 8.4409, 6.2140 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 16.5875, 8.4409, 6.2140 by changing the saturation by 10% instead.

■ 16.5875, 8.4409,
6.2140

■ 16.5875, 8.4409,
6.2140

■ 111.8880, 10.4447,
17.7887

■ 10.0173, 7.6564,
5.6781

■ 32.6661, 9.5381,
8.9778

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.9649, 9.9068,
10.2753

0.0000, NaN, NaN

■ 52.0093, 10.1792,
11.5456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7475, 10.3677,
12.8005

0.0000, NaN, NaN


■ 74.1374, 10.4818,
14.0477


0.0000, NaN, NaN


■ 86.1435, 10.5288,


0.0000, NaN, NaN


15.2924


 98.7358, 10.5148,
16.5385


 16.5875, 8.4409,
6.2140


 16.5875, 8.4409,
6.2140


 15.4612, 10.3380,
6.8165


 17.8247, 6.5935,
5.5203

 14.4592, 12.2492,
7.3014


 19.1580, 4.8203,
4.7564


 13.5955, 14.1081,
7.6601

 20.5758, 3.1294,
3.9398

 12.8660, 15.7628,
8.1244

 22.0678, 1.5218,
3.0833

 12.8105, 15.8897,
8.1720

 23.6252, -0.0059,
2.1964

■ 25.2406, -1.4597,
1.2860

■ 26.9077, -2.8465,
0.3569

■ 28.6214, -4.1736,
-0.5875

■ 30.3772, -5.4477,
-1.5447

Harmonies

Analogous

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



16.5879, 11.3126, 2.4793



16.5875, 8.4409, 6.2140



16.5879, 3.1658, 7.9692

Triad

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



16.5879, 8.4399, 6.2143



16.5879, -9.9014, 4.1798



16.5879, 0.8962, -12.9520

Complementary

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



16.5875, 8.4409, 6.2140



20.6663, -6.6142, -4.4836

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.



16.5879, -4.5827, -12.0216



16.5875, 8.4409, 6.2140



16.5879, -10.3383, -0.8452

Square

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



16.5879, 8.4399, 6.2143



16.5879, -7.2336, 7.0985



16.5879, -8.5198, -7.0871



16.5879, 6.5880, -9.3168

Rectangle

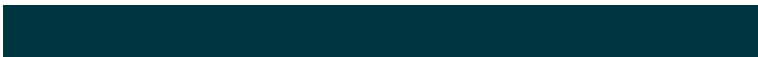
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.5875, 8.4409, 6.2140



16.5879, -0.7354, 8.2896



16.5879, -8.5198, -7.0871



16.5879, -1.0361, -13.1837

Sweetspot

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



16.5879, 8.4399, 6.2143



28.7855, 1.8863, 3.9576



16.0643, 15.7066, -7.3455



14.3995, 1.1060, 2.0850



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.



16.5879, 8.4399, 6.2143



19.4835, 14.5885, 9.1750



21.0340, -0.1632, 9.6815



12.4575, -0.0466, 1.1276



17.7258, 23.6290, 11.3362



42.5064, 62.2419, 27.2819

Inverse Universe

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



20.6663, -6.6142, -4.4836



25.7767, -9.1780, -7.4613



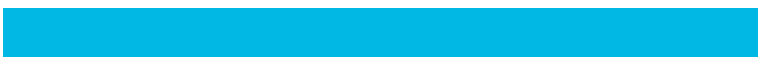
15.4709, 1.5710, -13.2851



12.7982, -1.2640, 0.2426



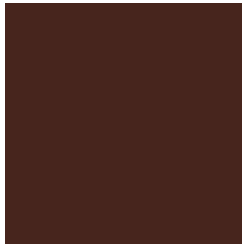
25.9243, -9.7057, -11.4513



63.0115, -22.6261, -29.9156

Previews

White Background



This preview shows how the HunterLab color 16.5875, 8.4409, 6.2140 looks on a white background.

Color Contrast Check

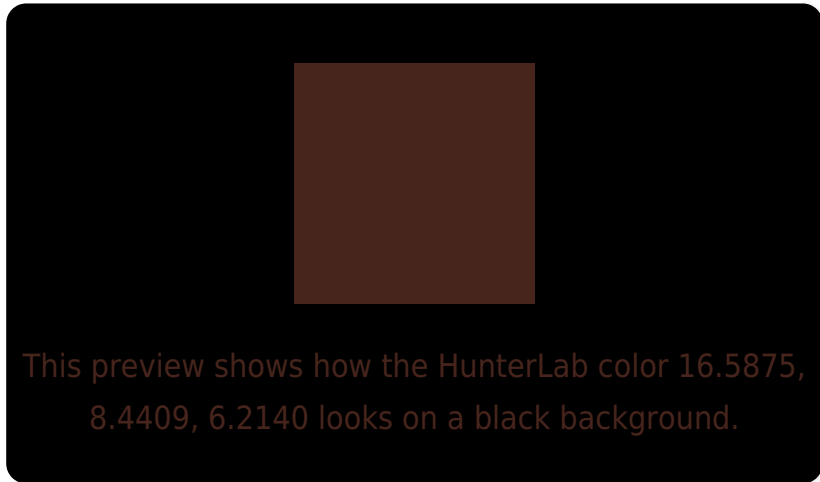
Large Text (above 18pt) WCAG AA ✓ Pass

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

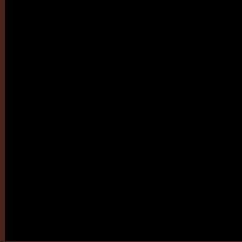
Any Text WCAG AA × Fail

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 16.5875, 8.4409, 6.2140 Background



This preview shows how black text looks on a background with the HunterLab color 16.5875, 8.4409, 6.2140.

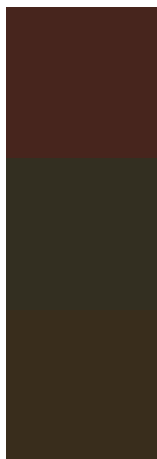


This preview shows how white text looks on a background with the HunterLab color 16.5875, 8.4409,

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

16.5875, 8.4409, 6.2140

Protanopia

16.8720, -1.4236, 5.3153

Deuteranopia

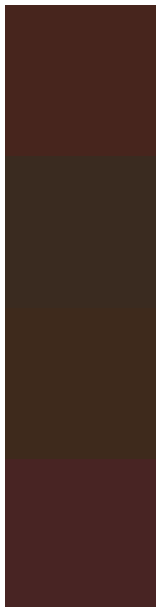
16.8240, 0.6404, 6.5064



Tritanopia

16.6716, 9.9392, 3.9256

Trichromacy



Original Color

16.5875, 8.4409, 6.2140

Protanomaly

16.5275, 2.0682, 5.3182

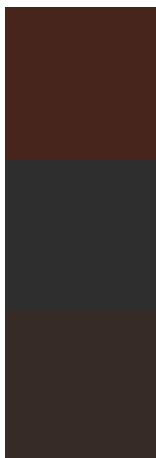
Deuteranomaly

16.6250, 3.3763, 6.3854

Tritanomaly

16.6157, 9.6691, 4.7338

Monochromacy



Original Color

16.5875, 8.4409, 6.2140

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4109, 1.9802, 2.8943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5875, 8.4409, 6.2140 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(71, 37, 29)` looks like.

```
.text, #text, p{  
    color:rgb(71, 37, 29)  
}
```

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(71, 37, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 37, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5875, 8.4409, 6.2140 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(71, 37, 29) }
```


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

```
.border{ border-color:rgb(71, 37, 29) }
```

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

Here you see how a box with a 4 pixel rgb(71, 37, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 37, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 37, 29);  
box-shadow:4px 4px 4px 4px rgb(71, 37, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5875, 8.4409, 6.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 37, 29) }
```

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

```
.background{ background-color: rgb(71, 37,  
29) }
```

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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