

Converting Colors

HunterLab(16.2416, 13.3826,
4.4296)

Have a look what the booklet for
HunterLab(16.2416, 13.3826,
4.4296) contains.

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Color

**HunterLab(16.3680, 13.3849,
4.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1F23
RGB	77, 31, 35
RGB Percent	30%, 12%, 14%
CMY	0.6980, 0.8784, 0.8627
CMYK	0.00, 0.60, 0.55, 0.70
HSL	355°, 43%, 21%
HSV	355°, 60%, 30%
XYZ	3.8539, 2.6791, 1.9041
YIQ	45.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

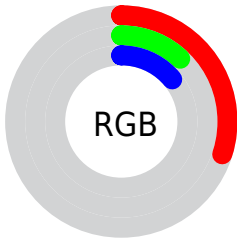
Format	Color
R_{YB}	77, 31, 35
Decimal	5054243
CIE Lab	18.71, 22.16, 7.93
CIE LCh	19, 23.538, 19.695
Yxy	2.6793, 0.4568, 0.3175
Android (android.graphics.Color)	4283244323 (0xFF4D1F23)
YUV	45.2100, -5.0335, 27.8798
Hunter-Lab	16.3680, 13.3849, 4.5603

Details

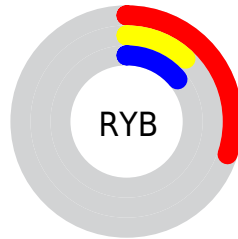
The HunterLab color **16.3680, 13.3849, 4.5603** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.6580, -11.1426, -0.1582**, and the grayscale version is **16.2788, -0.8686, 0.8845**.

A 20% lighter version of the original color is **32.4644, 15.3166, 6.7631**, and **5.2746, 9.0744, 3.0862** is the 20% darker color. If you saturate the color by 10%, you get **15.1207, 15.8271, 5.2941**, and if you desaturate by 10%, it is **17.8235, 10.8197, 3.8757**.

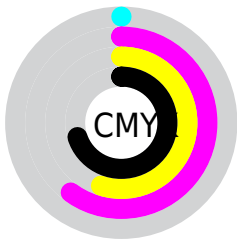
Distribution



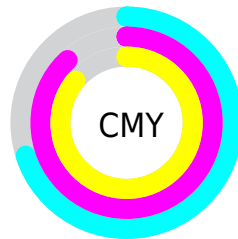
- Red (30%)
- Green (12%)
- Blue (14%)



- Red (30%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (60%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3680, 13.3849, 4.5603 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 16.3680, 13.3849, 4.5603 by changing the saturation by 10% instead.

■ 16.3680, 13.3849,
4.5603

■ 16.3680, 13.3849,
4.5603

■ 111.4727, 18.4139,
13.7424

■ 9.8319, 12.2032,
3.8950

■ 32.3907, 15.2639,
6.6074

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.6655, 15.9976,
7.6071

0.0000, NaN, NaN

■ 51.6876, 16.6177,
8.6064

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4051, 17.1381,
9.6112

0.0000, NaN, NaN


■ 73.7753, 17.5698,
10.6251


0.0000, NaN, NaN


■ 85.7629, 17.9217,


0.0000, NaN, NaN


11.6506


 98.3374, 18.2011,
12.6893


 16.3680, 13.3849,
4.5603


 16.3680, 13.3849,
4.5603

 15.1207, 15.8271,
5.2941


 17.8235, 10.8197,
3.8757

 14.1090, 18.0061,
6.0402


 19.4568, 8.2350,
3.2579


 13.3446, 19.7848,
6.7379

 21.2418, 5.6886,
2.7125

 12.6383, 21.6731,
7.2406

 23.1558, 3.2099,
2.2372

 12.6192, 21.7270,
7.2534

 25.1800, 0.8092,
1.8260

■ 27.2991, -1.5138,
1.4714

■ 29.5008, -3.7647,
1.1661

■ 31.7751, -5.9514,
0.9030

■ 34.1137, -8.0824,
0.6763

Harmonies

Analogous

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



16.3684, 14.1201, -1.4999



16.3680, 13.3849, 4.5603



16.3684, 8.4959, 7.8325

Triad

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



16.3684, 13.3838, 4.5606



16.3684, -9.7184, 7.0782



16.3684, -3.1534, -16.7352

Complementary

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



16.3680, 13.3849, 4.5603



24.6580, -11.1426, -0.1582

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.



16.3684, -8.5189, -11.7545



16.3680, 13.3849, 4.5603



16.3684, -11.8766, 2.9680

Square

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



16.3684, 13.3838, 4.5606



16.3684, -5.0614, 8.9004



16.3684, -11.4767, -3.8926



16.3684, 3.7813, -15.7311

Rectangle

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



16.3680, 13.3849, 4.5603



16.3684, 3.9267, 8.8788



16.3684, -11.4767, -3.8926



16.3684, -5.1787, -15.6460

Sweetspot

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



16.3684, 13.3838, 4.5606



30.4483, 3.8366, 2.8526



17.0561, 17.5819, -13.5892



15.3785, 2.2517, 1.5138



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.



16.3684, 13.3838, 4.5606



19.0189, 22.0555, 7.3713



19.7664, 5.3517, 8.3847



13.0585, 0.2843, 0.9174



16.8648, 28.9966, 10.0047



40.9765, 70.2962, 25.5262

Inverse Universe

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



16.3684, 13.3838, 4.5606



19.0189, 22.0555, 7.3713



19.7845, -3.5119, -8.9114



13.0585, 0.2843, 0.9174



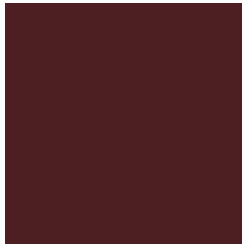
16.8648, 28.9966, 10.0047



40.9765, 70.2962, 25.5262

Previews

White Background



This preview shows how the HunterLab color 16.3680, 13.3849, 4.5603 looks on a white background.

Color Contrast Check

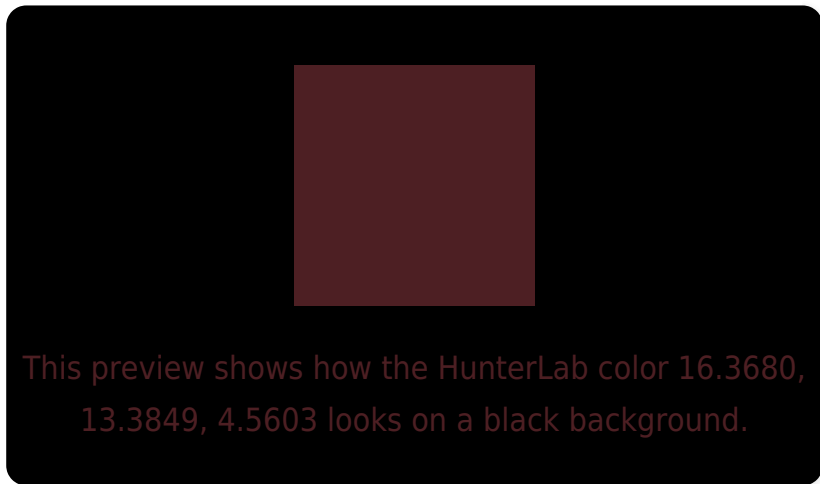
Large Text (above 18pt) WCAG AA ✓ Pass

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

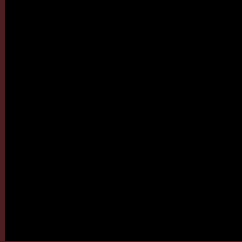
Any Text WCAG AA × Fail

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 16.3680, 13.3849, 4.5603 Background



This preview shows how black text looks on a background with the HunterLab color 16.3680, 13.3849, 4.5603.



This preview shows how white text looks on a background with the HunterLab color 16.3680, 13.3849,

4.5603.

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

16.3680, 13.3849, 4.5603

Protanopia

16.5817, -0.8804, 2.3698

Deuteranopia

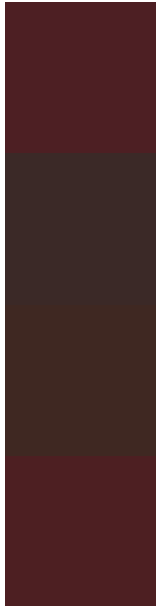
16.7296, 0.4751, 5.2178



Tritanopia

16.3327, 13.2221, 5.0724

Trichromacy



Original Color

16.3680, 13.3849, 4.5603

Protanomaly

16.3161, 3.8598, 3.1465

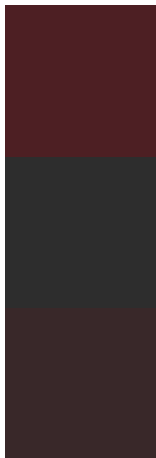
Deuteranomaly

16.4007, 5.0100, 4.7228

Tritanomaly

16.3501, 13.3024, 4.8198

Monochromacy



Original Color

16.3680, 13.3849, 4.5603

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.9610, 3.9007, 2.1107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3680, 13.3849, 4.5603 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(77, 31, 35)` looks like.

```
.text, #text, p{  
    color:rgb(77, 31, 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(77, 31, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 31, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3680, 13.3849, 4.5603 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(77, 31, 35) }
```


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

```
.border{ border-color:rgb(77, 31, 35) }
```

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

Here you see how a box with a 4 pixel rgb(77, 31, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 31, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 31, 35);  
box-shadow:4px 4px 4px 4px rgb(77, 31, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3680, 13.3849, 4.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 31, 35) }
```

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

```
.background{ background-color: rgb(77, 31,  
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](#).

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