

Converting Colors

HunterLab(16.3949, 5.9835,
-1.5948)

Have a look what the booklet for
HunterLab(16.3949, 5.9835, -1.5948)
contains.

HunterLab(16.4174, 5.8688, -1.5137)	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(16.4174, 5.8688,
-1.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2834
RGB	59, 40, 52
RGB Percent	23%, 16%, 20%
CMY	0.7686, 0.8431, 0.7961
CMYK	0.00, 0.32, 0.12, 0.77
HSL	322°, 19%, 19%
HSV	322°, 32%, 23%
XYZ	3.1822, 2.6953, 3.6013
YIQ	47.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

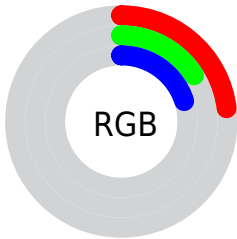
Format	Color
R_{YB}	59, 40, 52
Decimal	3876916
CIE Lab	18.78, 11.24, -4.23
CIE LCh	19, 12.009, 339.357
Yxy	2.6954, 0.3357, 0.2844
Android (android.graphics.Color)	4282066996 (0xFF3B2834)
YUV	47.0490, 2.4408, 10.4810
Hunter-Lab	16.4174, 5.8688, -1.5137

Details

The HunterLab color **16.4174, 5.8688, -1.5137** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4534, -6.9544, 3.6683**, and the grayscale version is **16.8670, -0.9000, 0.9164**.

A 20% lighter version of the original color is **32.4109, 6.7072, -1.0495**, and **3.1068, 5.6732, -0.7263** is the 20% darker color. If you saturate the color by 10%, you get **15.1937, 8.0752, -2.1955**, and if you desaturate by 10%, it is **17.7316, 3.6673, -0.7512**.

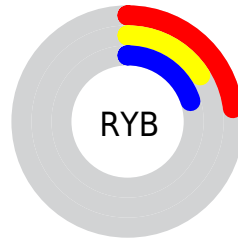
Distribution



 Red (23%)

 Green (16%)

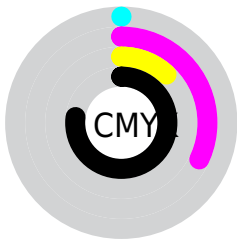
 Blue (20%)



 Red (23%)

 Yellow (16%)

 Blue (20%)

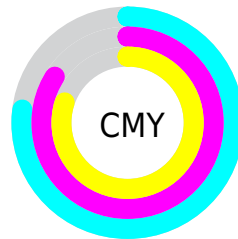


 Cyan (0%)

 Magenta (32%)

 Yellow (12%)

 Black (77%)



 Cyan (77%)

 Magenta (84%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4174, 5.8688, -1.5137 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 16.4174, 5.8688, -1.5137 by changing the saturation by 10% instead.

■ 16.4174, 5.8688,
-1.5137

■ 16.4174, 5.8688,
-1.5137

■ 111.5661, 6.1552,
1.7367

■ 9.8736, 5.3357,
-1.5513

■ 32.4527, 6.5079,
-1.1789

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.7329, 6.6683,
-0.9096

0.0000, NaN, NaN

■ 51.7600, 6.7442,
-0.5834

0.0000, NaN, NaN

■ 62.4821, 6.7462,
-0.2062

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.8568, 6.6826,
0.2177

0.0000, NaN, NaN

■ 85.8485, 6.5596,

0.0000, NaN, NaN

0.6847

98.4270, 6.3825,
1.1918

16.4174, 5.8688,
-1.5137

16.4174, 5.8688,
-1.5137

15.1937, 8.0752,
-2.1955

17.7316, 3.6673,
-0.7512

14.0728, 10.2541,
-2.7722

19.1234, 1.4915,
0.0714

13.0706, 12.3508,
-3.2118

20.5833, -0.6497,
0.9400

12.2027, 14.2875,
-3.4784

22.1031, -2.7531,
1.8441

11.4843, 15.9654,
-3.5365

23.6758, -4.8194,
2.7760

■ 10.8439, 17.5513,
-3.4854

■ 25.2958, -6.8510,
3.7301

■ 10.3200, 18.9837,
-3.4884

■ 26.9582, -8.8513,
4.7025

■ 28.6591, -10.8241,
5.6903

■ 30.3950, -12.7729,
6.6913

Harmonies

Analogous

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



16.4178, 3.5871, -4.8314



16.4174, 5.8688, -1.5137



16.4178, 6.2634, 1.8956

Triad

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



16.4178, 5.8682, -1.5134



16.4178, -1.9511, 6.0167



16.4178, -5.7385, -3.6788

Complementary

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



16.4174, 5.8688, -1.5137



19.4534, -6.9544, 3.6683

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.



16.4178, -6.9732, -0.1757



16.4174, 5.8688, -1.5137



16.4178, -4.9097, 5.0940

Square

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



16.4178, 5.8682, -1.5134



16.4178, 1.5502, 5.8054



16.4178, -6.6829, 2.9837



16.4178, -3.1707, -6.2514

Rectangle

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



16.4174, 5.8688, -1.5137



16.4178, 5.3739, 3.7189



16.4178, -6.6829, 2.9837



16.4178, -6.3131, -2.5445

Sweetspot

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



16.4178, 5.8682, -1.5134



25.0699, 1.4442, 0.2843



15.6110, 3.7713, -6.0294



12.9320, 0.8061, 0.1237



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



16.4178, 5.8682, -1.5134



19.8771, 10.0485, -2.7242



16.1818, 4.6645, 1.8419



10.8860, 0.3832, 0.2155



16.4928, 30.1962, -4.4720



41.7165, 75.9874, -8.2883

Inverse Universe

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



16.4178, 5.8682, -1.5134



19.8771, 10.0485, -2.7242



19.6703, -5.7074, 0.5623



10.8860, 0.3832, 0.2155



16.4928, 30.1962, -4.4720



41.7165, 75.9874, -8.2883

Previews

White Background



This preview shows how the HunterLab color 16.4174, 5.8688, -1.5137 looks on a white background.

Color Contrast Check

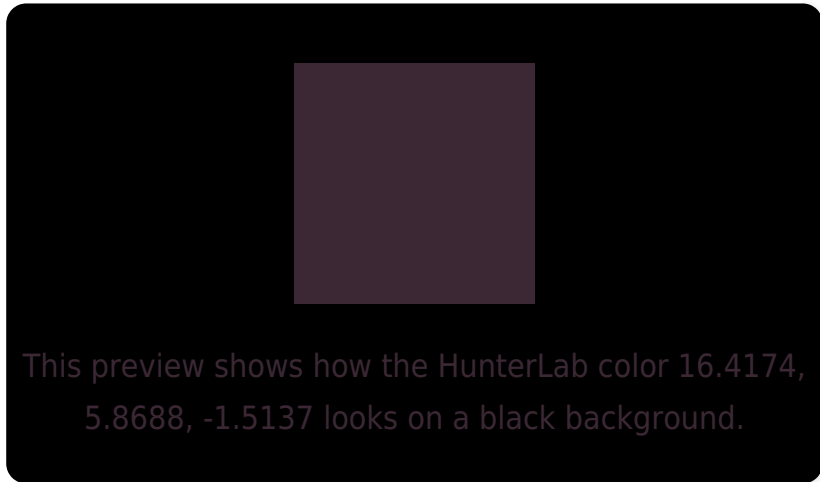
Large Text (above 18pt) WCAG AA ✓ Pass

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

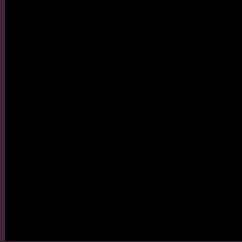
Any Text WCAG AA × Fail

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 16.4174, 5.8688, -1.5137 Background



This preview shows how black text looks on a background with the HunterLab color 16.4174, 5.8688, -1.5137.



This preview shows how white text looks on a background with the HunterLab color 16.4174, 5.8688, -1.5137.

-1.5137.

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

16.4174, 5.8688, -1.5137

Protanopia

16.6583, 0.0957, -3.0498

Deuteranopia

16.5655, 0.6949, -0.9899



Tritanopia

16.3551, 4.2465, 1.1523

Trichromacy



Original Color

16.4174, 5.8688, -1.5137

Protanomaly

16.5232, 1.9473, -2.7540

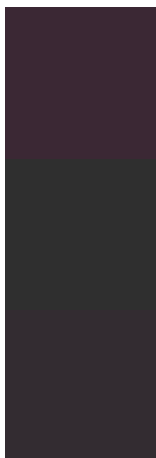
Deuteranomaly

16.4220, 2.5395, -1.1440

Tritanomaly

16.4281, 4.6229, 0.1118

Monochromacy



Original Color

16.4174, 5.8688, -1.5137

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.5134, 1.5873, -0.2295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4174, 5.8688, -1.5137 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(59, 40, 52)` looks like.

```
.text, #text, p{  
    color:rgb(59, 40, 52)  
}
```

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(59, 40, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 40, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4174, 5.8688, -1.5137 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(59, 40, 52) }
```


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

```
.border{ border-color:rgb(59, 40, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 40, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 40, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 40, 52);  
box-shadow:4px 4px 4px 4px rgb(59, 40, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4174, 5.8688, -1.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 40, 52) }
```

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

```
.background{ background-color: rgb(59, 40,  
52) }
```

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