

Converting Colors

HunterLab(14.9160, 2.9591,
1.3589)

Have a look what the booklet for
HunterLab(14.9160, 2.9591, 1.3589)
contains.

HunterLab(14.9774, 2.8854, 1.3327)	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(14.9774, 2.8854,
1.3327)**

Conversions

Conversions Part 1

Format	Color
Hex	332628
RGB	51, 38, 40
RGB Percent	20%, 15%, 16%
CMY	0.8000, 0.8510, 0.8431
CMYK	0.00, 0.25, 0.22, 0.80
HSL	351°, 15%, 17%
HSV	351°, 25%, 20%
XYZ	2.4413, 2.2432, 2.3118
YIQ	42.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

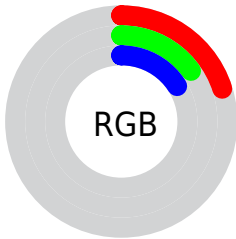
Format	Color
R _{YB}	51, 38, 40
Decimal	3352104
CIE Lab	16.72, 6.51, 1.03
CIE LCh	17, 6.591, 8.948
Yxy	2.2433, 0.3489, 0.3206
Android (android.graphics.Color)	4281542184 (0xFF332628)
YUV	42.1150, -1.0427, 7.7921
Hunter-Lab	14.9774, 2.8854, 1.3327

Details

The HunterLab color **14.9774, 2.8854, 1.3327** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.3249, -4.1733, 0.6578**, and the grayscale version is **15.2556, -0.8140, 0.8289**.

A 20% lighter version of the original color is **30.7231, 2.9978, 2.3984**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.8257, 4.4668, 1.5479**, and if you desaturate by 10%, it is **16.1962, 1.3408, 1.1660**.

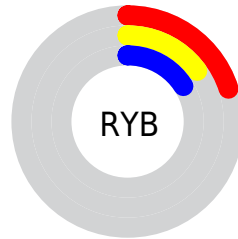
Distribution



 Red (20%)

 Green (15%)

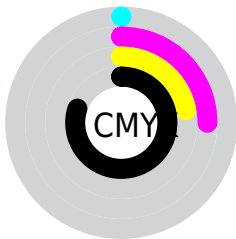
 Blue (16%)



 Red (20%)

 Yellow (15%)

 Blue (16%)

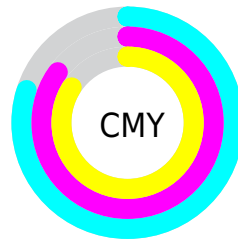


 Cyan (0%)

 Magenta (25%)

 Yellow (22%)

 Black (80%)



 Cyan (80%)

 Magenta (85%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9774, 2.8854, 1.3327 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 14.9774, 2.8854, 1.3327 by changing the saturation by 10% instead.

■ 14.9774, 2.8854,
1.3327

■ 14.9774, 2.8854,
1.3327

108.8085, 1.0897,
6.9389

■ 8.6224, 2.8345,
0.9622

■ 30.6353, 2.9610,
2.3293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.7536, 2.8685,
2.8869

0.0000, NaN, NaN

■ 49.6312, 2.7065,
3.4811

0.0000, NaN, NaN

■ 60.2136, 2.4836,
4.1099

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4566, 2.2059,
4.7714

0.0000, NaN, NaN

■ 83.3236, 1.8786,

0.0000, NaN, NaN

5.4643

95.7832, 1.5054,
6.1872

14.9774, 2.8854,
1.3327

14.9774, 2.8854,
1.3327

13.8257, 4.4668,
1.5479

16.1962, 1.3408,
1.1660

12.7507, 6.0768,
1.8164

17.4725, -0.1628,
1.0412

11.7651, 7.6943,
2.1427

18.7993, -1.6267,
0.9529

10.8831, 9.2829,
2.5274

20.1708, -3.0539,
0.8960

10.1200, 10.7855,
2.9652

21.5820, -4.4484,
0.8664

■ 9.4682, 12.1913,
3.4225

■ 23.0289, -5.8141,
0.8602

■ 8.8047, 13.8637,
3.7751

■ 24.5081, -7.1551,
0.8743

■ 8.4911, 14.7437,
3.9179

■ 26.0167, -8.4748,
0.9061

■ 27.5525, -9.7765,
0.9534

Harmonies

Analogous

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



14.9777, 2.6726, -0.4541



14.9774, 2.8854, 1.3327



14.9777, 2.0731, 2.7933

Triad

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



14.9777, 2.8849, 1.3330



14.9777, -2.9747, 3.2191



14.9777, -2.0586, -2.7056

Complementary

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



14.9774, 2.8854, 1.3327



17.3249, -4.1733, 0.6578

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.



14.9777, -3.4716, -1.4758



14.9774, 2.8854, 1.3327



14.9777, -3.9824, 1.9825

Square

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



14.9777, 2.8849, 1.3330



14.9777, -1.3502, 3.7920



14.9777, -4.1598, 0.2784



14.9777, -0.2417, -2.9344

Rectangle

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



14.9774, 2.8854, 1.3327



14.9777, 1.0827, 3.4381



14.9777, -4.1598, 0.2784



14.9777, -2.5940, -2.3890

Sweetspot

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



14.9777, 2.8849, 1.3330



22.0261, 0.3528, 1.3837



15.0804, 3.7846, -2.9550



11.5825, 0.2413, 0.7349



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



14.9777, 2.8849, 1.3330



18.2317, 5.1677, 1.9086



15.8855, 0.9098, 2.9600



9.4188, 0.1348, 0.5896



14.7214, 25.4212, 7.8824



38.5034, 66.2282, 22.6320

Inverse Universe

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



14.9777, 2.8849, 1.3330



18.2317, 5.1677, 1.9086



16.3023, -2.2484, -1.3847



9.4188, 0.1348, 0.5896



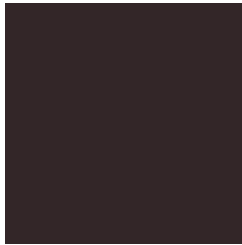
14.7214, 25.4212, 7.8824



38.5034, 66.2282, 22.6320

Previews

White Background



This preview shows how the HunterLab color 14.9774, 2.8854, 1.3327 looks on a white background.

Color Contrast Check

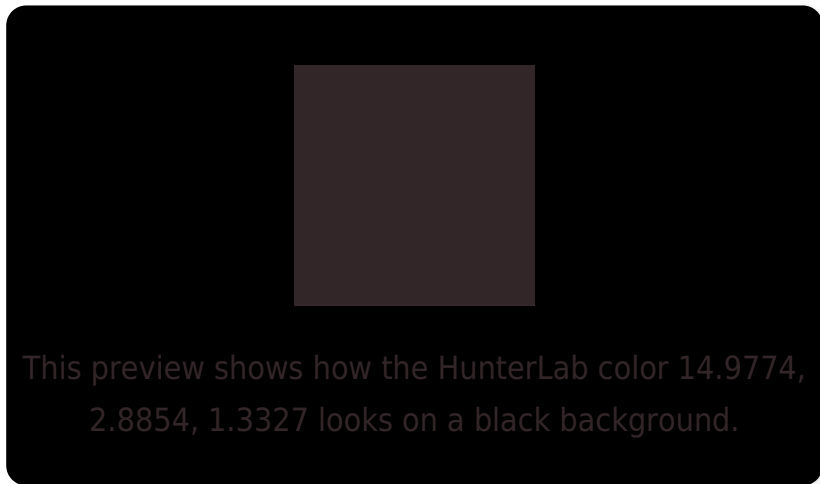
Large Text (above 18pt) WCAG AA ✓ Pass

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

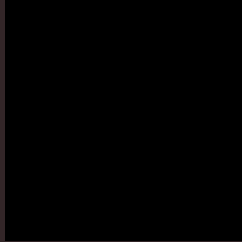
Any Text WCAG AA × Fail

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 14.9774, 2.8854, 1.3327 Background



This preview shows how black text looks on a background with the HunterLab color 14.9774, 2.8854, 1.3327.

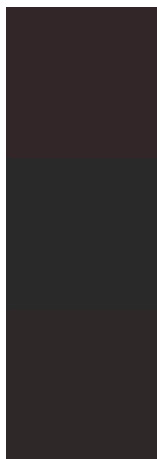


This preview shows how white text looks on a background with the HunterLab color 14.9774, 2.8854,

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

14.9774, 2.8854, 1.3327

Protanopia

14.9843, -0.4236, 0.5585

Deuteranopia

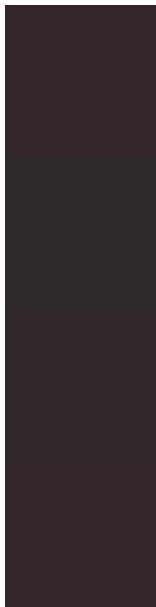
15.0054, 0.7260, 1.3269



Tritanopia

15.0004, 3.0057, 1.0041

Trichromacy



Original Color

14.9774, 2.8854, 1.3327

Protanomaly

14.9518, 0.5908, 0.9049

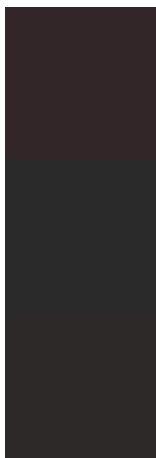
Deuteranomaly

14.9419, 1.6558, 1.2704

Tritanomaly

15.0004, 3.0057, 1.0041

Monochromacy



Original Color

14.9774, 2.8854, 1.3327

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1785, 0.1961, 1.1618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9774, 2.8854, 1.3327 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(51, 38, 40)` looks like.

```
.text, #text, p{  
    color:rgb(51, 38, 40)  
}
```

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(51, 38, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 38, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9774, 2.8854, 1.3327 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(51, 38, 40) }
```


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

```
.border{ border-color:rgb(51, 38, 40) }
```

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

Here you see how a box with a 4 pixel rgb(51, 38, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 38, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 38, 40);  
box-shadow:4px 4px 4px 4px rgb(51, 38, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9774, 2.8854, 1.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 38, 40) }
```

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

```
.background{ background-color: rgb(51, 38,  
40) }
```

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