

Converting Colors

HunterLab(12.9658, 6.4654,
2.4859)

Have a look what the booklet for
HunterLab(12.9658, 6.4654, 2.4859)
contains.

HunterLab(12.9658, 6.4654, 2.4859)	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(12.9658, 6.4654,
2.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	351C1E
RGB	53, 28, 30
RGB Percent	21%, 11%, 12%
CMY	0.7922, 0.8902, 0.8824
CMYK	0.00, 0.47, 0.43, 0.79
HSL	355°, 31%, 16%
HSV	355°, 47%, 21%
XYZ	2.1178, 1.6811, 1.4412
YIQ	35.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

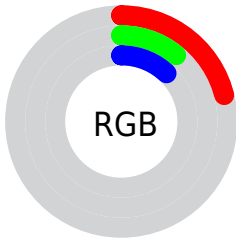
Format	Color
R_{YB}	53, 28, 30
Decimal	3480606
CIE _{Lab}	13.72, 12.61, 3.93
CIE _{LCh}	14, 13.206, 17.292
Yxy	1.6812, 0.4041, 0.3208
Android (android.graphics.Color)	4281670686 (0xFF351C1E)
YUV	35.7030, -2.8116, 15.1695
Hunter-Lab	12.9658, 6.4654, 2.4859

Details

The HunterLab color **12.9658, 6.4654, 2.4859** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4130, -6.3871, -0.0466**, and the grayscale version is **13.1934, -0.7040, 0.7168**.

A 20% lighter version of the original color is **28.0995, 7.4908, 3.7762**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9524, 8.1377, 2.9104**, and if you desaturate by 10%, it is **14.0784, 4.8032, 2.1030**.

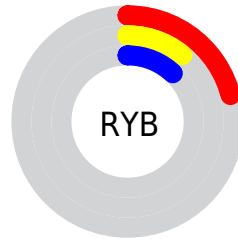
Distribution



 Red (21%)

 Green (11%)

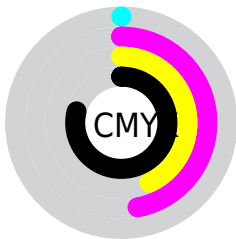
 Blue (12%)



 Red (21%)

 Yellow (11%)

 Blue (12%)

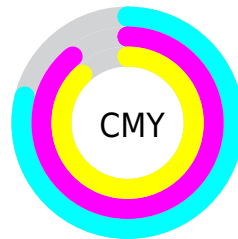


 Cyan (0%)

 Magenta (47%)

 Yellow (43%)

 Black (79%)



 Cyan (79%)

 Magenta (89%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9658, 6.4654, 2.4859 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 12.9658, 6.4654, 2.4859 by changing the saturation by 10% instead.

■ 12.9658, 6.4654,
2.4859

■ 12.9658, 6.4654,
2.4859

■ 104.8441, 7.7612,
9.4957

■ 6.4144, 8.2234,
2.8860

■ 28.0585, 7.4087,
3.9037

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9364, 7.6954,
4.6353

0.0000, NaN, NaN

■ 46.5926, 7.8858,
5.3879

0.0000, NaN, NaN

■ 56.9686, 7.9932,
6.1630

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.0177, 8.0276,
6.9613


0.0000, NaN, NaN

■ 79.7010, 7.9965,

0.0000, NaN, NaN


7.7829


 91.9859, 7.9061,
8.6278


 12.9658, 6.4654,
2.4859


 12.9658, 6.4654,
2.4859


 11.9524, 8.1377,
2.9104


 14.0784, 4.8032,
2.1030


 11.0532, 9.7803,
3.3698


 15.2755, 3.1766,
1.7618


 10.2852, 11.3274,
3.8500

 16.5455, 1.5956,
1.4604

 9.6309, 12.7920,
4.3023

 17.8786, 0.0628,
1.1952

 8.9543, 14.5364,
4.7037

 19.2668, -1.4232,
0.9621

■ 8.7531, 15.0960,
4.8336

■ 20.7034, -2.8663,
0.7571

■ 22.1829, -4.2711,
0.5765

■ 23.7010, -5.6425,
0.4171

■ 25.2539, -6.9851,
0.2761

Harmonies

Analogous

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



12.9661, 6.6351, -0.8003



12.9658, 6.4654, 2.4859



12.9661, 4.2528, 4.6181

Triad

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



12.9661, 6.4647, 2.4861



12.9661, -5.3232, 4.3732



12.9661, -2.1556, -7.3291

Complementary

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



12.9658, 6.4654, 2.4859



17.4130, -6.3871, -0.0466

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.



12.9661, -4.9924, -5.0083



12.9658, 6.4654, 2.4859



12.9661, -6.6849, 2.0504

Square

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



12.9661, 6.4647, 2.4861



12.9661, -2.6537, 5.5470



12.9661, -6.5707, -1.3694



12.9661, 1.3926, -7.1201

Rectangle

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



12.9658, 6.4654, 2.4859



12.9661, 2.0400, 5.4106



12.9661, -6.5707, -1.3694



12.9661, -3.2160, -6.7975

Sweetspot

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



12.9661, 6.4647, 2.4861



21.7611, 1.5666, 1.7959



13.3764, 8.8708, -6.5314



11.7218, 0.9272, 0.9869



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.9661, 6.4647, 2.4861



15.0891, 11.0813, 3.9119



15.0127, 2.0776, 4.9480



9.4147, 0.1129, 0.6473



14.6693, 25.2282, 8.6526



38.4122, 65.8901, 23.9833

Inverse Universe

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



12.9661, 6.4647, 2.4861



15.0891, 11.0813, 3.9119



14.8378, -2.2624, -4.3554



9.4147, 0.1129, 0.6473



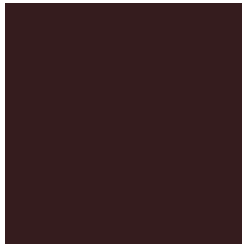
14.6693, 25.2282, 8.6526



38.4122, 65.8901, 23.9833

Previews

White Background



This preview shows how the HunterLab color 12.9658, 6.4654, 2.4859 looks on a white background.

Color Contrast Check

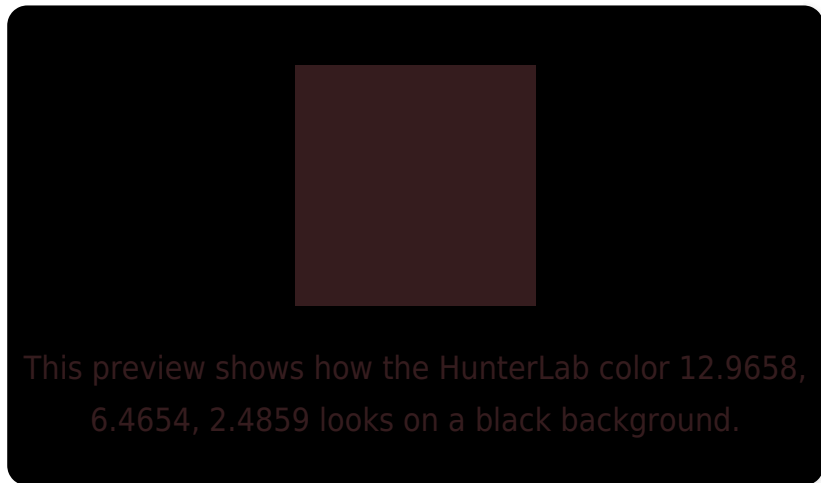
Large Text (above 18pt) WCAG AA ✓ Pass

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

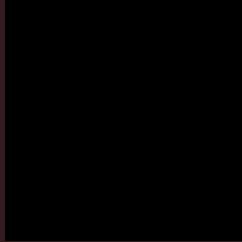
Any Text WCAG AA × Fail

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 12.9658, 6.4654, 2.4859 Background



This preview shows how black text looks on a background with the HunterLab color 12.9658, 6.4654, 2.4859.

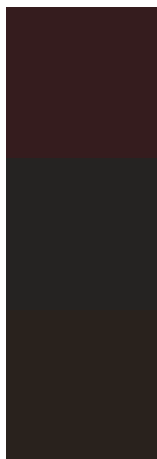


This preview shows how white text looks on a background with the HunterLab color 12.9658, 6.4654,

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

12.9658, 6.4654, 2.4859

Protanopia

13.0800, -0.3359, 1.1941

Deuteranopia

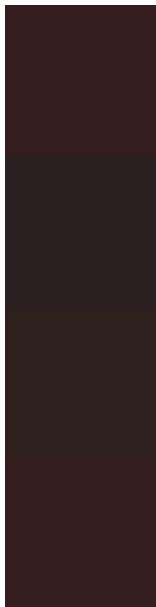
13.0544, 0.5125, 2.7737



Tritanopia

12.9658, 6.4654, 2.4859

Trichromacy



Original Color

12.9658, 6.4654, 2.4859

Protanomaly

12.8702, 2.2655, 1.3418

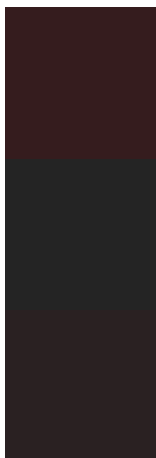
Deuteranomaly

12.9600, 2.3936, 2.7100

Tritanomaly

12.9658, 6.4654, 2.4859

Monochromacy



Original Color

12.9658, 6.4654, 2.4859

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0209, 1.7168, 1.1624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9658, 6.4654, 2.4859 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(53, 28, 30)` looks like.

```
.text, #text, p{  
    color:rgb(53, 28, 30)  
}
```

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(53, 28, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 28, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9658, 6.4654, 2.4859 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(53, 28, 30) }
```


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

```
.border{ border-color:rgb(53, 28, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 28, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 28, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 28, 30);  
box-shadow:4px 4px 4px 4px rgb(53, 28, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9658, 6.4654, 2.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 28, 30) }
```

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

```
.background{ background-color: rgb(53, 28,  
30) }
```

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