

Converting Colors

HunterLab(13.5299, 9.0686,
-4.8669)

Have a look what the booklet for
HunterLab(13.5299, 9.0686, -4.8669)
contains.

HunterLab(13.4821, 8.9651, -4.8059)	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(13.4821, 8.9651,
-4.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	351C32
RGB	53, 28, 50
RGB Percent	21%, 11%, 20%
CMY	0.7922, 0.8902, 0.8039
CMYK	0.00, 0.47, 0.06, 0.79
HSL	307°, 31%, 16%
HSV	307°, 47%, 21%
XYZ	2.4592, 1.8177, 3.2388
YIQ	37.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

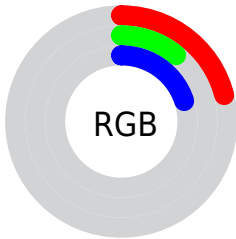
Format	Color
R_{YB}	53, 28, 50
Decimal	3480626
CIE Lab	14.50, 16.42, -9.38
CIE LCh	15, 18.910, 330.254
Yxy	1.8178, 0.3272, 0.2419
Android (android.graphics.Color)	4281670706 (0xFF351C32)
YUV	37.9830, 5.9244, 13.1699
Hunter-Lab	13.4821, 8.9651, -4.8059

Details

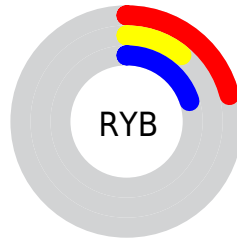
The HunterLab color **13.4821, 8.9651, -4.8059** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.0061, -8.7746, 5.8056**, and the grayscale version is **13.8967, -0.7415, 0.7550**.

A 20% lighter version of the original color is **28.6157, 10.3311, -5.1150**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5806, 11.0544, -5.9391**, and if you desaturate by 10%, it is **14.4818, 6.8274, -3.6079**.

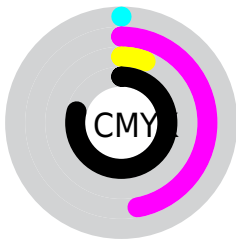
Distribution



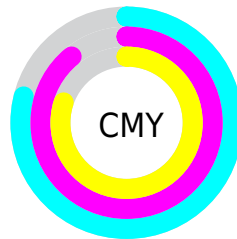
- Red (21%)
- Green (11%)
- Blue (20%)



- Red (21%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (6%)
- Black (79%)



- Cyan (79%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4821, 8.9651, -4.8059 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 13.4821, 8.9651, -4.8059 by changing the saturation by 10% instead.

■ 13.4821, 8.9651,
-4.8059

■ 13.4821, 8.9651,
-4.8059

■ 105.8753, 11.9233,
-3.9215

■ 7.0583, 9.7694,
-5.2892

■ 28.7245, 10.3458,
-5.1003

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.6659, 10.8340,
-5.1190

0.0000, NaN, NaN

■ 47.3804, 11.2153,
-5.0647

0.0000, NaN, NaN

■ 57.8107, 11.5041,
-4.9450

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9108, 11.7116,
-4.7662

0.0000, NaN, NaN

■ 80.6424, 11.8462,

0.0000, NaN, NaN

-4.5333

92.9732, 11.9149,
-4.2506

13.4821, 8.9651,
-4.8059

13.4821, 8.9651,
-4.8059

12.5806, 11.0544,
-5.9391

14.4818, 6.8274,
-3.6079

11.7890, 13.0371,
-6.9702

15.5670, 4.6838,
-2.3746

11.1196, 14.8344,
-7.8515

16.7273, 2.5593,
-1.1250

10.5521, 16.4548,
-8.5929

17.9535, 0.4679,
0.1286

9.9663, 18.2718,
-9.4248

19.2376, -1.5837,
1.3786

■ 9.7940, 18.8385,
-9.6858

■ 20.5730, -3.5941,
2.6210

■ 21.9540, -5.5645,
3.8540

■ 23.3758, -7.4977,
5.0770

■ 24.8346, -9.3971,
6.2904

Harmonies

Analogous

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



13.4824, 4.6220, -10.1571



13.4821, 8.9651, -4.8059



13.4824, 10.6382, 0.7754

Triad

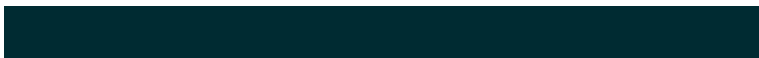
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.4824, 8.9646, -4.8055



13.4824, -0.7638, 7.5651



13.4824, -8.2308, -4.9057

Complementary

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



13.4821, 8.9651, -4.8059



17.0061, -8.7746, 5.8056

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.



13.4824, -9.2389, 0.6923



13.4821, 8.9651, -4.8059



13.4824, -5.3415, 6.7734

Square

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



13.4824, 8.9646, -4.8055



13.4824, 4.5351, 6.7991



13.4824, -8.2643, 4.6109



13.4824, -5.2763, -10.2286

Rectangle

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



13.4821, 8.9651, -4.8059



13.4824, 9.8460, 3.5965



13.4824, -8.2643, 4.6109



13.4824, -8.7870, -2.9380

Sweetspot

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



13.4824, 8.9646, -4.8055



21.9614, 2.6339, -1.0537



11.7373, 4.1040, -9.7097



11.8358, 1.5336, -0.6345



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.



13.4824, 8.9646, -4.8055



15.9380, 14.9738, -8.0389



13.1329, 7.2819, 0.0993



9.4600, 0.3574, 0.0023



16.4136, 31.5072, -15.7382



42.9692, 82.3131, -39.8852

Inverse Universe

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



13.4824, 8.9646, -4.8055



15.9380, 14.9738, -8.0389



17.2355, -7.4214, 2.4896



9.4600, 0.3574, 0.0023



16.4136, 31.5072, -15.7382



42.9692, 82.3131, -39.8852

Previews

White Background



This preview shows how the HunterLab color 13.4821, 8.9651, -4.8059 looks on a white background.

Color Contrast Check

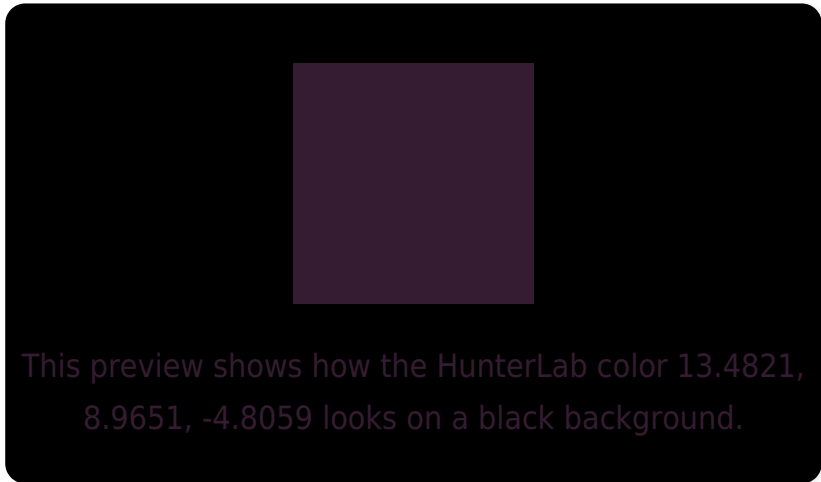
Large Text (above 18pt) WCAG AA ✓ Pass

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

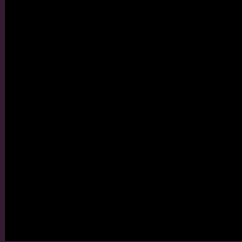
Any Text WCAG AA × Fail

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 13.4821, 8.9651, -4.8059 Background



This preview shows how black text looks on a background with the HunterLab color 13.4821, 8.9651, -4.8059.



This preview shows how white text looks on a background with the HunterLab color 13.4821, 8.9651, -4.8059.

-4.8059.

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

13.4821, 8.9651, -4.8059

Protanopia

13.7643, 1.0127, -8.1747

Deuteranopia

13.7618, 0.4083, -3.5603



Tritanopia

13.6100, 4.6491, 1.8750

Trichromacy



Original Color

13.4821, 8.9651, -4.8059

Protanomaly

13.4999, 3.3119, -6.9513

Deuteranomaly

13.6310, 3.4000, -4.1800

Tritanomaly

13.6500, 6.0475, -0.2027

Monochromacy



Original Color

13.4821, 8.9651, -4.8059

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.5086, 2.6054, -1.2447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4821, 8.9651, -4.8059 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(53, 28, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 28, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4821, 8.9651, -4.8059 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, 50) }
```


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

```
.border{ border-color:rgb(53, 28, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 28, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 28, 50);  
box-shadow:4px 4px 4px 4px rgb(53, 28, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4821, 8.9651, -4.8059 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, 50) }
```

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

```
.background{ background-color: rgb(53, 28,  
50) }
```

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