

Converting Colors

HunterLab(15.8251, 13.0525,
-4.5228)

Have a look what the booklet for
HunterLab(15.8251, 13.0525,
-4.5228) contains.

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Color

**HunterLab(15.8251, 13.0525,
-4.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	441F39
RGB	68, 31, 57
RGB Percent	27%, 12%, 22%
CMY	0.7333, 0.8784, 0.7765
CMYK	0.00, 0.54, 0.16, 0.73
HSL	318°, 37%, 19%
HSV	318°, 54%, 27%
XYZ	3.6124, 2.5043, 4.1639
YIQ	45.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

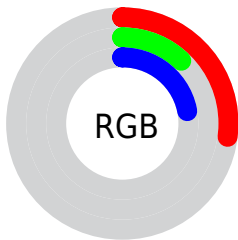
Format	Color
RYB	68, 31, 57
Decimal	4464441
CIELab	17.94, 21.82, -8.87
CIELCh	18, 23.555, 337.886
Yxy	2.5045, 0.3514, 0.2436
Android (android.graphics.Color)	4282654521 (0xFF441F39)
YUV	45.0270, 5.9027, 20.1473
Hunter-Lab	15.8251, 13.0525, -4.5228




Details

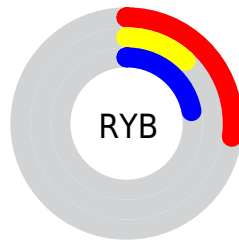
The HunterLab color **15.8251, 13.0525, -4.5228** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.4309, -12.0982, 6.9331**, and the grayscale version is **16.1864, -0.8637, 0.8794**.




A 20% lighter version of the original color is **31.7634, 14.5964, -4.6185**, and **4.5958, 8.5028, -1.9315** is the 20% darker color. If you saturate the color by 10%, you get **14.7181, 15.5246, -5.2084**, and if you desaturate by 10%, it is **17.0838, 10.4420, -3.6606**.

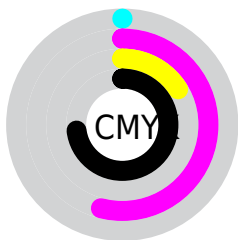
Distribution







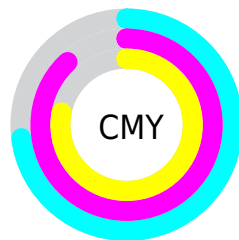
-  Red (27%)
-  Green (12%)
-  Blue (22%)






-  Red (27%)
-  Yellow (12%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (54%)
-  Yellow (16%)
-  Black (73%)












-  Cyan (73%)
-  Magenta (88%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8251, 13.0525, -4.5228 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 15.8251, 13.0525, -4.5228 by changing the saturation by 10% instead.

 15.8251, 13.0525, -4.5228	 15.8251, 13.0525, -4.5228
110.4393, 18.0134, -3.2373	 9.3748, 11.8755, -4.2885
 31.7077, 14.9203, -4.7052	0.0000, INF, -NF
 40.9222, 15.6468, -4.6738	0.0000, NaN, NaN
 50.8887, 16.2590, -4.5731	0.0000, NaN, NaN
 61.5541, 16.7712, -4.4102	0.0000, NaN, NaN
 72.8753, 17.1945, -4.1909	0.0000, NaN, NaN
 84.8163, 17.5380,	0.0000, NaN, NaN

-3.9198

97.3465, 17.8089,
-3.6009

15.8251, 13.0525,
-4.5228

15.8251, 13.0525,
-4.5228

14.7181, 15.5246,
-5.2084

17.0838, 10.4420,
-3.6606

13.7807, 17.7510,
-5.6664

18.4741, 7.7751,
-2.6691

13.0296, 19.6008,
-5.8456

19.9788, 5.1031,
-1.5840

12.3795, 21.2721,
-5.8702

21.5828, 2.4565,
-0.4325

12.0024, 22.3175,
-5.9111

23.2731, -0.1490,
0.7663

■ 25.0389, -2.7073,
1.9991

■ 26.8712, -5.2179,
3.2567

■ 28.7626, -7.6834,
4.5329

■ 30.7068, -10.1079,
5.8235

Harmonies

Analogous

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



15.8255, 7.9328, -12.2969



15.8251, 13.0525, -4.5228



15.8255, 14.1596, 2.4625

Triad

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



15.8255, 13.0518, -4.5224



15.8255, -2.5858, 9.0880



15.8255, -9.8356, -8.7423

Complementary

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



15.8251, 13.0525, -4.5228



21.4309, -12.0982, 6.9331

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.



15.8255, -11.7521, -0.9266



15.8251, 13.0525, -4.5228



15.8255, -8.0482, 7.8460

Square

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



15.8255, 13.0518, -4.5224



15.8255, 4.3390, 8.6925



15.8255, -11.1575, 4.8376



15.8255, -5.4376, -15.3611

Rectangle

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



15.8251, 13.0525, -4.5228



15.8255, 12.3271, 5.6137



15.8255, -11.1575, 4.8376



15.8255, -10.7547, -6.0637

Sweetspot

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



15.8255, 13.0518, -4.5224



27.9647, 4.0267, -0.9211



13.7073, 8.1428, -15.0665



14.4551, 2.2540, -0.5493



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.8255, 13.0518, -4.5224



18.9646, 21.4956, -7.1062



15.3481, 10.8278, 2.2259



11.6242, 0.4661, 0.1411



17.1882, 31.8699, -7.7652



42.8591, 79.1317, -16.7563

Inverse Universe

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



15.8255, 13.0518, -4.5224



18.9646, 21.4956, -7.1062



21.7984, -9.9170, 1.6369



11.6242, 0.4661, 0.1411



17.1882, 31.8699, -7.7652



42.8591, 79.1317, -16.7563

Previews

White Background



This preview shows how the HunterLab color 15.8251, 13.0525, -4.5228 looks on a white background.

Color Contrast Check

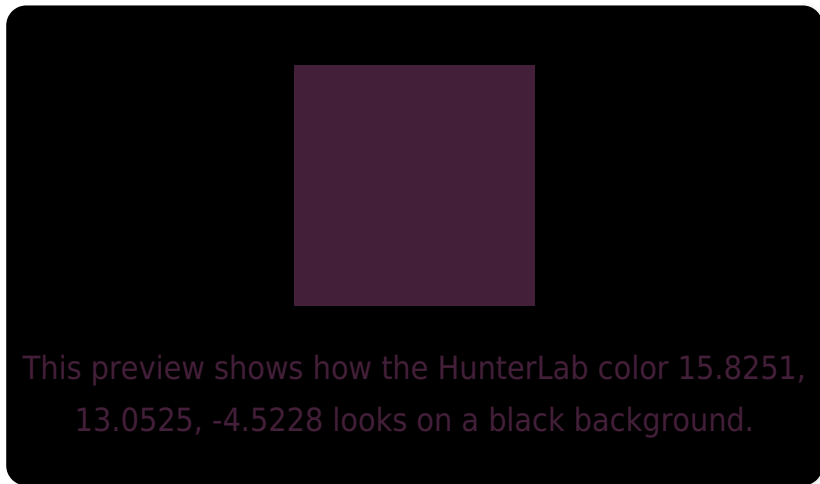
Large Text (above 18pt) WCAG AA ✓ Pass

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

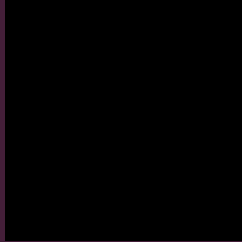
Any Text WCAG AA × Fail

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 15.8251, 13.0525, -4.5228 Background



This preview shows how black text looks on a background with the HunterLab color 15.8251, 13.0525, -4.5228.



This preview shows how white text looks on a background with the HunterLab color 15.8251, 13.0525,

-4.5228.

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

15.8251, 13.0525, -4.5228

Protanopia

16.1243, 1.4148, -9.5654

Deuteranopia

16.1638, 0.7458, -3.2849



Tritanopia

15.8122, 8.4262, 3.0151

Trichromacy



Original Color

15.8251, 13.0525, -4.5228

Protanomaly

15.6150, 5.1573, -8.1436

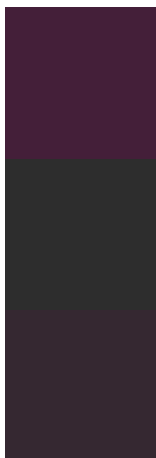
Deuteranomaly

15.7906, 5.2335, -4.2262

Tritanomaly

15.8959, 9.9172, 0.7087

Monochromacy



Original Color

15.8251, 13.0525, -4.5228

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.7994, 3.7746, -1.1026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8251, 13.0525, -4.5228 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(68, 31, 57)` looks like.

```
.text, #text, p{  
    color:rgb(68, 31, 57)  
}
```

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(68, 31, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 31, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8251, 13.0525, -4.5228 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(68, 31, 57) }
```


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

```
.border{ border-color:rgb(68, 31, 57) }
```

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

Here you see how a box with a 4 pixel rgb(68, 31, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 31, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 31, 57);  
box-shadow:4px 4px 4px 4px rgb(68, 31, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8251, 13.0525, -4.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 31, 57) }
```

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

```
.background{ background-color: rgb(68, 31,  
57) }
```

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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