

Converting Colors

HunterLab(15.4797, -5.1078,
4.0529)

Have a look what the booklet for
HunterLab(15.4797, -5.1078, 4.0529)
contains.

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Color

**HunterLab(15.5044, -5.1295,
3.9617)**

Conversions

Conversions Part 1

Format	Color
Hex	222E21
RGB	34, 46, 33
RGB Percent	13%, 18%, 13%
CMY	0.8667, 0.8196, 0.8706
CMYK	0.26, 0.00, 0.28, 0.82
HSL	115°, 16%, 15%
HSV	115°, 28%, 18%
XYZ	1.9112, 2.4039, 1.8021
YIQ	40.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

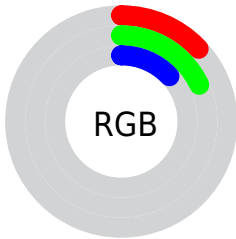
Format	Color
RYB	33, 46, 45
Decimal	2240033
CIELab	17.48, -8.34, 6.75
CIELCh	17, 10.730, 141.000
Yxy	2.4040, 0.3124, 0.3930
Android (android.graphics.Color)	4280430113 (0xFF222E21)
YUV	40.9300, -3.9095, -6.0776
Hunter-Lab	15.5044, -5.1295, 3.9617

Details

The HunterLab color **15.5044, -5.1295, 3.9617** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.5754, 4.1089, -2.8523**, and the grayscale version is **14.8814, -0.7940, 0.8085**.

A 20% lighter version of the original color is **31.3885, -7.2111, 5.9528**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.2058, -6.4225, 4.8751**, and if you desaturate by 10%, it is **15.8374, -3.7207, 2.9547**.

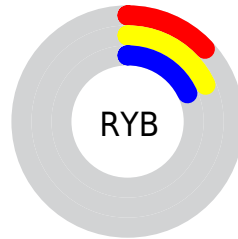
Distribution



Red (13%)

Green (18%)

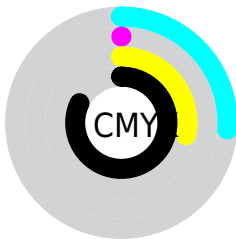
Blue (13%)



Red (13%)

Yellow (18%)

Blue (18%)

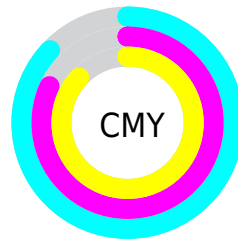


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5044, -5.1295, 3.9617 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 15.5044, -5.1295, 3.9617 by changing the saturation by 10% instead.

■ 15.5044, -5.1295,
3.9617

■ 15.5044, -5.1295,
3.9617

109.8249,
-14.4870, 12.5127

■ 9.0991, -4.4793,
3.5715

■ 31.3028, -7.2294,
5.8265

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4813, -8.2520,
6.7483

0.0000, NaN, NaN

■ 50.4144, -9.2721,
7.6759

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.0486, -10.2959,
8.6139

0.0000, NaN, NaN

■ 72.3405, -11.3271,
9.5651

0.0000, NaN, NaN

■ 84.2537, -12.3682,

0.0000, NaN, NaN

10.5312

■ 96.7574, -13.4212,
11.5135

■ 15.5044, -5.1295,
3.9617

■ 15.5044, -5.1295,
3.9617

■ 15.2058, -6.4225,
4.8751

■ 15.8374, -3.7207,
2.9547

■ 14.9411, -7.5892,
5.6877

■ 16.2030, -2.2057,
1.8611

■ 14.7108, -8.6215,
6.3944

■ 16.6008, -0.5958,
0.6890

■ 14.5146, -9.5133,
6.9917

■ 17.0296, 1.0981,
-0.5534

■ 14.3520, -10.2609,
7.4777

■ 17.4883, 2.8654,
-1.8583

■ 14.2158, -10.8988,
7.9222

■ 17.9756, 4.6961,
-3.2181

■ 14.0834, -11.5286,
8.3796

■ 18.4902, 6.5810,
-4.6256

■ 14.0602, -11.6395,
8.4601

■ 19.0307, 8.5119,
-6.0743

■ 19.5960, 10.4815,
-7.5585

Harmonies

Analogous

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



15.5047, -2.8754, 5.2031



15.5044, -5.1295, 3.9617



15.5047, -6.2085, 1.6921

Triad

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



15.5047, -5.1298, 3.9619



15.5047, -1.7355, -5.7434



15.5047, 5.0390, 2.7140

Complementary

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



15.5044, -5.1295, 3.9617



13.5754, 4.1089, -2.8523

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.



15.5047, 5.4035, -0.0549



15.5044, -5.1295, 3.9617



15.5047, 1.3312, -5.3239

Square

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



15.5047, -5.1298, 3.9619



15.5047, -4.3508, -4.1508



15.5047, 4.0006, -3.0958



15.5047, 3.0401, 4.5854

Rectangle

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



15.5044, -5.1295, 3.9617



15.5047, -6.1780, -0.2593



15.5047, 4.0006, -3.0958



15.5047, 5.3625, 1.8717

Sweetspot

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



15.5047, -5.1298, 3.9619



20.3743, -2.8066, 2.3644



16.0037, -1.9455, 4.4966



11.3339, -1.6204, 1.3583



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.5047, -5.1298, 3.9619



19.2162, -7.6937, 5.8616



15.5566, -4.7244, 2.3791



9.0624, -1.2190, 1.0302



26.0978, -21.9552, 15.6970



69.5045, -59.1773, 41.7924

Inverse Universe

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



13.5754, 4.1089, -2.8523



16.1785, 6.8875, -4.9000



13.5123, 3.6148, -0.6494



8.7458, 0.2921, -0.0833



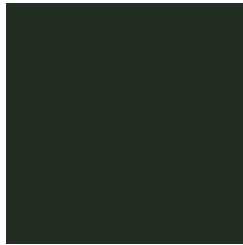
15.4602, 30.8951, -24.2664



41.0298, 82.1223, -65.4051

Previews

White Background



This preview shows how the HunterLab color 15.5044, -5.1295, 3.9617 looks on a white background.

Color Contrast Check

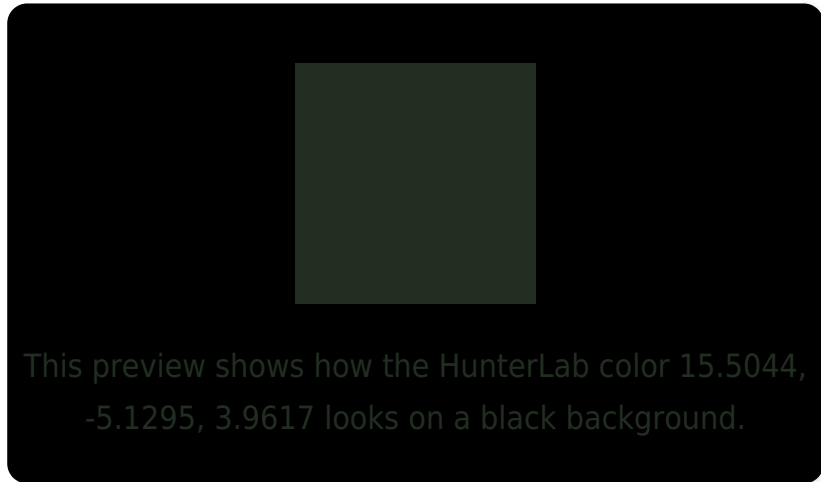
Large Text (above 18pt) WCAG AA ✓ Pass

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

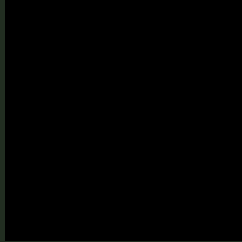
Any Text WCAG AA × Fail

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 15.5044, -5.1295, 3.9617 Background



This preview shows how black text looks on a background with the HunterLab color 15.5044, -5.1295, 3.9617.



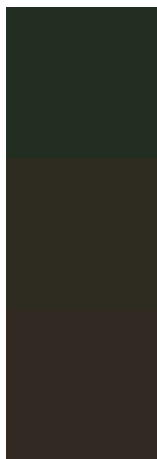
This preview shows how white text looks on a background with the HunterLab color 15.5044, -5.1295, 3.9617.

3.9617.

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

15.5044, -5.1295, 3.9617

Protanopia

15.5334, -1.3131, 4.3328

Deuteranopia

15.4256, 0.7434, 3.7013



Tritanopia

15.5180, -1.8833, -1.1548

Trichromacy



Original Color

15.5044, -5.1295, 3.9617

Protanomaly

15.4851, -2.7047, 4.2624

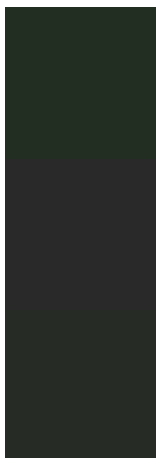
Deuteranomaly

15.4231, -1.6291, 3.6574

Tritanomaly

15.5765, -3.1709, 0.8431

Monochromacy



Original Color

15.5044, -5.1295, 3.9617

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0989, -2.6246, 2.0573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5044, -5.1295, 3.9617 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(34, 46, 33)` looks like.

```
.text, #text, p{  
    color:rgb(34, 46, 33)  
}
```

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(34, 46, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 46, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5044, -5.1295, 3.9617 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(34, 46, 33) }
```


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

```
.border{ border-color:rgb(34, 46, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 46, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 46, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 46, 33);  
box-shadow:4px 4px 4px 4px rgb(34, 46, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5044, -5.1295, 3.9617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 46, 33) }
```

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

```
.background{ background-color: rgb(34, 46,  
33) }
```

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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