

Converting Colors

HunterLab(15.5653, -5.4296,
3.9732)

Have a look what the booklet for
HunterLab(15.5653, -5.4296, 3.9732)
contains.

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Color

**HunterLab(15.4503, -5.3331,
3.9056)**

Conversions

Conversions Part 1

Format	Color
Hex	212E21
RGB	33, 46, 33
RGB Percent	13%, 18%, 13%
CMY	0.8706, 0.8196, 0.8706
CMYK	0.28, 0.00, 0.28, 0.82
HSL	120°, 16%, 15%
HSV	120°, 28%, 18%
XYZ	1.8787, 2.3871, 1.8006
YIQ	40.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

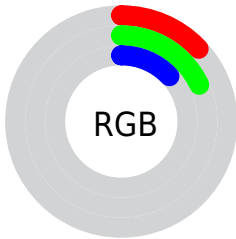
Format	Color
R_{YB}	33, 46, 46
Decimal	2174497
CIE _{Lab}	17.40, -8.78, 6.63
CIE _{LCh}	17, 11.002, 142.923
Yxy	2.3872, 0.3097, 0.3935
Android (android.graphics.Color)	4280364577 (0xFF212E21)
YUV	40.6310, -3.7621, -6.6924
Hunter-Lab	15.4503, -5.3331, 3.9056

Details

The HunterLab color **15.4503, -5.3331, 3.9056** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.6596, 4.3714, -2.7262**, and the grayscale version is **14.7840, -0.7888, 0.8032**.

A 20% lighter version of the original color is **31.2536, -7.7052, 5.8039**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.1407, -6.6738, 4.8117**, and if you desaturate by 10%, it is **15.7986, -3.8627, 2.9119**.

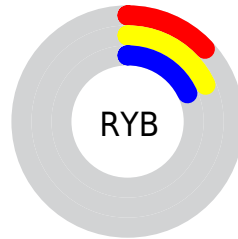
Distribution



Red (13%)

Green (18%)

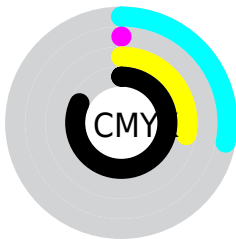
Blue (13%)



Red (13%)

Yellow (18%)

Blue (18%)

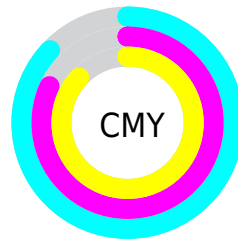


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4503, -5.3331, 3.9056 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 15.4503, -5.3331, 3.9056 by changing the saturation by 10% instead.

■ 15.4503, -5.3331,
3.9056

■ 15.4503, -5.3331,
3.9056

109.7209,
-14.9248, 12.3926

■ 9.0515, -4.7090,
3.5302

■ 31.2344, -7.5024,
5.7516

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4068, -8.5539,
6.6655

0.0000, NaN, NaN

■ 50.3342, -9.6006,
7.5859

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9632, -10.6489,
8.5171

0.0000, NaN, NaN

■ 72.2500, -11.7030,
9.4619

0.0000, NaN, NaN

■ 84.1585, -12.7658,

0.0000, NaN, NaN

10.4222

■ 96.6577, -13.8393,
11.3988

■ 15.4503, -5.3331,
3.9056

■ 15.4503, -5.3331,
3.9056

■ 15.1407, -6.6738,
4.8117

■ 15.7986, -3.8627,
2.9119

■ 14.8692, -7.8727,
5.6221

■ 16.1838, -2.2741,
1.8386

■ 14.6364, -8.9207,
6.3306

■ 16.6052, -0.5807,
0.6946

■ 14.4418, -9.8112,
6.9326

■ 17.0614, 1.2047,
-0.5113

■ 14.2847, -10.5405,
7.4258

■ 17.5510, 3.0696,
-1.7707

■ 14.1448, -11.1974,
7.8700

■ 18.0726, 5.0023,
-3.0756

■ 14.0035, -11.8687,
8.3239

■ 18.6246, 6.9923,
-4.4190

■ 13.9788, -11.9868,
8.4038

■ 19.2054, 9.0301,
-5.7942

■ 19.8135, 11.1073,
-7.1958

Harmonies

Analogous

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



15.4506, -3.0969, 5.2341



15.4503, -5.3331, 3.9056



15.4506, -6.3481, 1.5288

Triad

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



15.4506, -5.3334, 3.9058



15.4506, -1.5586, -5.9756



15.4506, 5.1084, 2.9061

Complementary

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



15.4503, -5.3331, 3.9056



13.6596, 4.3714, -2.7262

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.



15.4506, 5.6022, 0.1200



15.4503, -5.3331, 3.9056



15.4506, 1.5858, -5.4049

Square

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



15.4506, -5.3334, 3.9058



15.4506, -4.2839, -4.4504



15.4506, 4.2676, -3.0176



15.4506, 2.9673, 4.7421

Rectangle

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



15.4503, -5.3331, 3.9056



15.4506, -6.2571, -0.4929



15.4506, 4.2676, -3.0176



15.4506, 5.4791, 2.0657

Sweetspot

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



15.4506, -5.3334, 3.9058



20.3498, -2.8942, 2.3355



16.2627, -2.3552, 4.7340



11.3195, -1.6721, 1.3414



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.



15.4506, -5.3334, 3.9058



19.1372, -7.9967, 5.7835



15.5796, -4.5925, 2.0483



9.0519, -1.2565, 1.0178



26.0152, -22.3080, 15.6399



69.4222, -59.5295, 41.7355

Inverse Universe

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



13.6596, 4.3714, -2.7262



16.3196, 7.3092, -4.6760



13.4849, 3.4737, -0.2618



8.7577, 0.3322, -0.0679



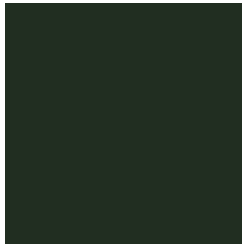
16.4166, 32.2756, -21.6525



43.8081, 86.1283, -57.7803

Previews

White Background



This preview shows how the HunterLab color 15.4503, -5.3331, 3.9056 looks on a white background.

Color Contrast Check

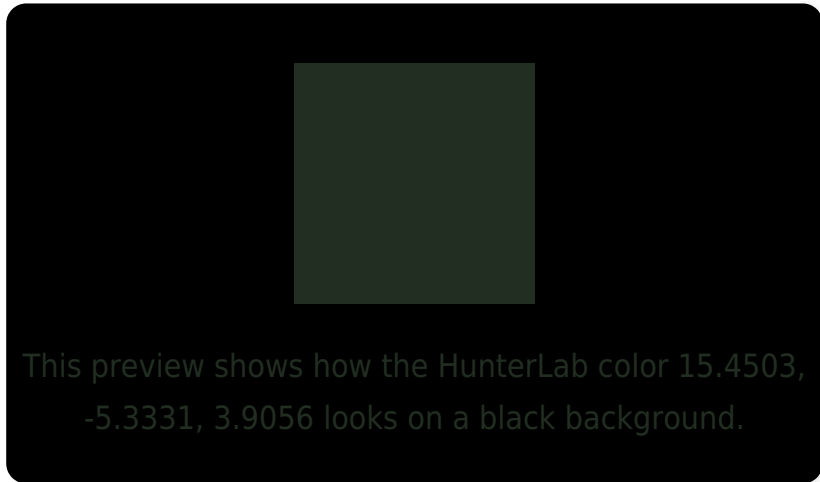
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4503, -5.3331, 3.9056 Background



This preview shows how black text looks on a background with the HunterLab color 15.4503, -5.3331, 3.9056.

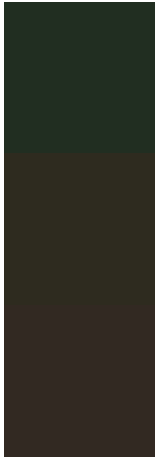


This preview shows how white text looks on a background with the HunterLab color 15.4503, -5.3331, 3.9056.

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

15.4503, -5.3331, 3.9056

Protanopia

15.5162, -1.4082, 4.5829

Deuteranopia

15.4256, 0.7434, 3.7013



Tritanopia

15.4591, -2.0927, -1.2355

Trichromacy



Original Color

15.4503, -5.3331, 3.9056

Protanomaly

15.4177, -2.9478, 4.1938

Deuteranomaly

15.4231, -1.6291, 3.6574

Tritanomaly

15.5194, -3.3783, 0.7724

Monochromacy



Original Color

15.4503, -5.3331, 3.9056

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 15.4503, -5.3331, 3.9056 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(33, 46, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 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(33, 46, 33) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 15.4503, -5.3331, 3.9056 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(33, 46, 33) }
```


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

```
.border{ border-color:rgb(33, 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(33, 46, 33)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 15.4503, -5.3331, 3.9056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(33, 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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