

Converting Colors

HunterLab(15.4955, 4.5311,
4.5977)

Have a look what the booklet for
HunterLab(15.4955, 4.5311, 4.5977)
contains.

HunterLab(15.5401, 4.3241, 4.7056)	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(15.5401, 4.3241,
4.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	3B261F
RGB	59, 38, 31
RGB Percent	23%, 15%, 12%
CMY	0.7686, 0.8510, 0.8784
CMYK	0.00, 0.36, 0.47, 0.77
HSL	15°, 31%, 18%
HSV	15°, 47%, 23%
XYZ	2.7440, 2.4149, 1.6178
YIQ	43.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

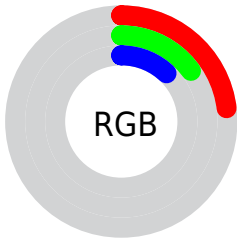
Format	Color
R_{YB}	59, 40, 31
Decimal	3876383
CIE _{Lab}	17.53, 8.86, 8.64
CIE _{LCh}	18, 12.378, 44.279
Yxy	2.4151, 0.4049, 0.3564
Android (android.graphics.Color)	4282066463 (0xFF3B261F)
YUV	43.4810, -6.1531, 13.6102
Hunter-Lab	15.5401, 4.3241, 4.7056

Details

The HunterLab color **15.5401, 4.3241, 4.7056** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5012, -4.2882, -3.3083**, and the grayscale version is **15.7165, -0.8386, 0.8539**.

A 20% lighter version of the original color is **31.3374, 4.5506, 6.7954**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.5617, 5.6549, 5.3040**, and if you desaturate by 10%, it is **16.5803, 3.0572, 4.0407**.

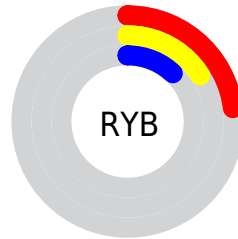
Distribution



Red (23%)

Green (15%)

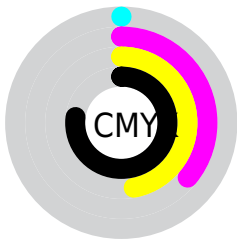
Blue (12%)



Red (23%)

Yellow (16%)

Blue (12%)

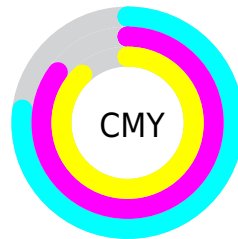


Cyan (0%)

Magenta (36%)

Yellow (47%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5401, 4.3241, 4.7056 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 15.5401, 4.3241, 4.7056 by changing the saturation by 10% instead.

■ 15.5401, 4.3241,
4.7056

■ 15.5401, 4.3241,
4.7056

■ 109.8935, 3.5954,
14.2714

■ 9.1303, 3.9619,
4.4202

■ 31.3480, 4.6921,
6.8752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5305, 4.7295,
7.9232

0.0000, NaN, NaN

■ 50.4673, 4.6893,
8.9655

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1051, 4.5812,
10.0094

0.0000, NaN, NaN

■ 72.4002, 4.4126,
11.0594

0.0000, NaN, NaN

■ 84.3165, 4.1892,

0.0000, NaN, NaN

12.1184

96.8232, 3.9155,
13.1886

15.5401, 4.3241,
4.7056

15.5401, 4.3241,
4.7056

14.5617, 5.6549,
5.3040

16.5803, 3.0572,
4.0407

13.6518, 7.0450,
5.8207

17.6745, 1.8576,
3.3210

12.8192, 8.4794,
6.2391

18.8171, 0.7227,
2.5563

12.0710, 9.9250,
6.5680

20.0030, -0.3515,
1.7545

11.4021, 11.2833,
6.9994

21.2278, -1.3698,
0.9218

■ 11.2451, 11.6077,
7.1324

■ 22.4877, -2.3372,
0.0628

■ 23.7796, -3.2588,
-0.8187

■ 25.1006, -4.1394,
-1.7199

■ 26.4485, -4.9835,
-2.6384

Harmonies

Analogous

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



15.5405, 6.2948, 2.3528



15.5401, 4.3241, 4.7056



15.5405, 1.0484, 5.8583

Triad

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



15.5405, 4.3234, 4.7058



15.5405, -6.8280, 2.4926



15.5405, 0.8763, -6.7845

Complementary

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



15.5401, 4.3241, 4.7056



17.5012, -4.2882, -3.3083

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.



15.5405, -2.6233, -6.7233



15.5401, 4.3241, 4.7056



15.5405, -6.8651, -0.8288

Square

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



15.5405, 4.3234, 4.7058



15.5405, -5.2822, 4.7885



15.5405, -5.3887, -4.3590



15.5405, 4.1877, -4.5111

Rectangle

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



15.5401, 4.3241, 4.7056



15.5405, -1.3322, 5.9976



15.5405, -5.3887, -4.3590



15.5405, -0.3214, -7.0499

Sweetspot

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



15.5405, 4.3234, 4.7058



24.7771, 0.5364, 3.0206



14.6892, 9.6975, -3.8919



12.7605, 0.3324, 1.6028



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



15.5405, 4.3234, 4.7058



18.5814, 7.7009, 7.0180



18.6674, -1.3143, 7.3624



11.0084, -0.1349, 1.0182



17.4207, 20.4421, 11.0925



42.7593, 56.5316, 27.3378

Inverse Universe

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



17.5012, -4.2882, -3.3083



21.6791, -6.0695, -5.6977



14.1185, 1.1807, -8.6554



11.2137, -1.0225, 0.1832



23.0003, -7.0812, -13.4621



57.1621, -16.1290, -36.6299

Previews

White Background



This preview shows how the HunterLab color 15.5401, 4.3241, 4.7056 looks on a white background.

Color Contrast Check

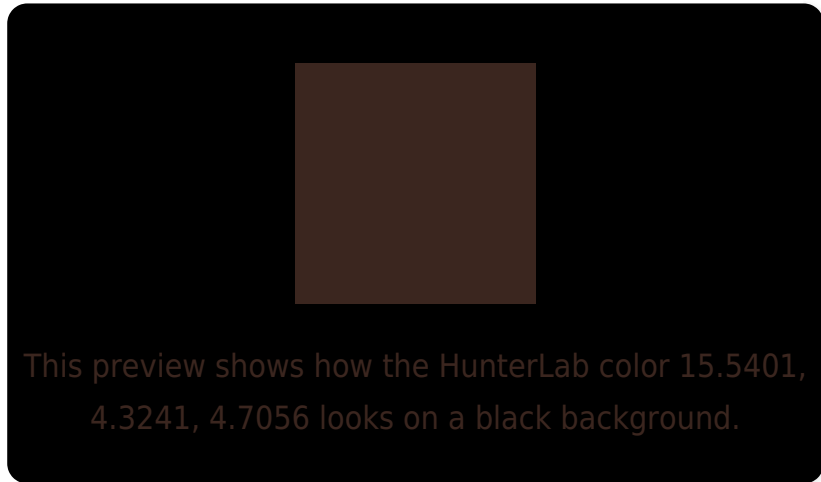
Large Text (above 18pt) WCAG AA ✓ Pass

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

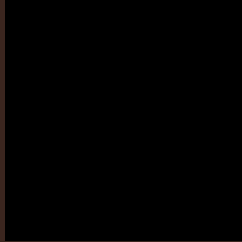
Any Text WCAG AA × Fail

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 15.5401, 4.3241, 4.7056 Background



This preview shows how black text looks on a background with the HunterLab color 15.5401, 4.3241, 4.7056.

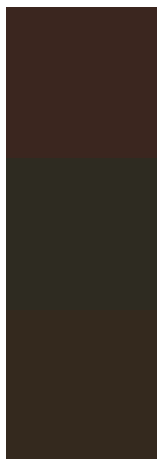


This preview shows how white text looks on a background with the HunterLab color 15.5401, 4.3241,

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

15.5401, 4.3241, 4.7056

Protanopia

15.5512, -1.2153, 4.0756

Deuteranopia

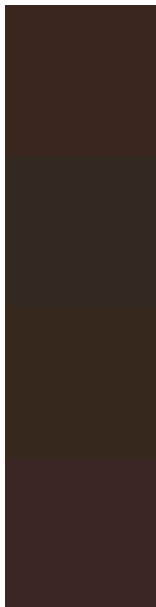
15.5231, 0.9317, 4.8902



Tritanopia

15.6109, 5.9326, 2.0988

Trichromacy



Original Color

15.5401, 4.3241, 4.7056

Protanomaly

15.4725, 0.8291, 4.3122

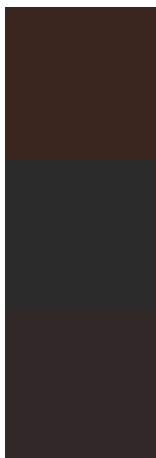
Deuteranomaly

15.5677, 2.2090, 4.9535

Tritanomaly

15.5479, 5.6142, 3.0044

Monochromacy



Original Color

15.5401, 4.3241, 4.7056

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4445, 1.0080, 2.1659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5401, 4.3241, 4.7056 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(59, 38, 31)` looks like.

```
.text, #text, p{  
    color:rgb(59, 38, 31)  
}
```

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(59, 38, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 38, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5401, 4.3241, 4.7056 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(59, 38, 31) }
```


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

```
.border{ border-color:rgb(59, 38, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 38, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 38, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 38, 31);  
box-shadow:4px 4px 4px 4px rgb(59, 38, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5401, 4.3241, 4.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 38, 31) }
```

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

```
.background{ background-color: rgb(59, 38,  
31) }
```

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