

Converting Colors

HunterLab(15.5223, -5.7896,
7.1954)

Have a look what the booklet for
HunterLab(15.5223, -5.7896, 7.1954)
contains.

HunterLab(15.4628, -5.7139, 7.2338)	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(15.4628, -5.7139,
7.2338)**

Conversions

Conversions Part 1

Format	Color
Hex	252E12
RGB	37, 46, 18
RGB Percent	15%, 18%, 7%
CMY	0.8549, 0.8196, 0.9294
CMYK	0.20, 0.00, 0.61, 0.82
HSL	79°, 44%, 13%
HSV	79°, 61%, 18%
XYZ	1.8491, 2.3910, 0.9363
YIQ	40.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

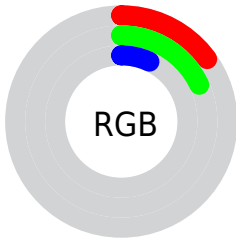
Format	Color
RYB	18, 46, 27
Decimal	2436626
CIELab	17.42, -9.57, 16.64
CIElCh	17, 19.194, 119.901
Yxy	2.3911, 0.3572, 0.4619
Android (android.graphics.Color)	4280626706 (0xFF252E12)
YUV	40.1170, -10.9037, -2.7336
Hunter-Lab	15.4628, -5.7139, 7.2338

Details

The HunterLab color **15.4628, -5.7139, 7.2338** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.2895, 6.0627, -10.6679**, and the grayscale version is **14.6382, -0.7811, 0.7953**.

A 20% lighter version of the original color is **31.3532, -7.9747, 10.8314**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.3320, -6.3027, 7.8118**, and if you desaturate by 10%, it is **15.6064, -5.0670, 6.5274**.

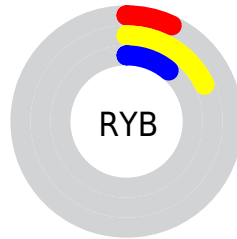
Distribution



Red (15%)

Green (18%)

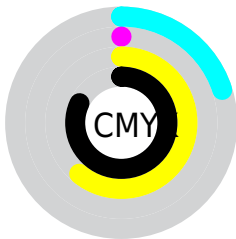
Blue (7%)



Red (7%)

Yellow (18%)

Blue (11%)

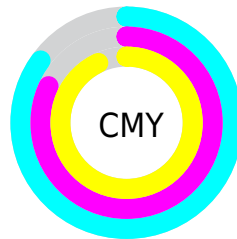


Cyan (20%)

Magenta (0%)

Yellow (61%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4628, -5.7139, 7.2338 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 15.4628, -5.7139, 7.2338 by changing the saturation by 10% instead.

■ 15.4628, -5.7139,
7.2338

■ 15.4628, -5.7139,
7.2338

■ 109.7450,
-15.7288, 21.3277

■ 9.0626, -5.0848,
6.3438

■ 31.2502, -8.0080,
10.7787

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4240, -9.1119,
12.3930

0.0000, NaN, NaN

■ 50.3528, -10.2064,
13.9482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9829, -11.2991,
15.4633

0.0000, NaN, NaN

■ 72.2710, -12.3949,
16.9510

0.0000, NaN, NaN

■ 84.1806, -13.4970,

0.0000, NaN, NaN

18.4203

■ 96.6808, -14.6078,
19.8776

■ 15.4628, -5.7139,
7.2338

■ 15.4628, -5.7139,
7.2338

■ 15.3320, -6.3027,
7.8118

■ 15.6064, -5.0670,
6.5274

■ 15.2124, -6.8345,
8.2692

■ 15.7621, -4.3609,
5.6897

■ 15.0979, -7.3468,
8.7010

■ 15.9303, -3.5964,
4.7199

■ 14.9958, -7.8094,
9.1036

■ 16.1112, -2.7747,
3.6179

■ 16.3047, -1.8971,
2.3848

■ 16.5110, -0.9654,
1.0225

■ 16.7298, 0.0184,
-0.4662

■ 16.9611, 1.0521,
-2.0781

■ 17.2048, 2.1333,
-3.8092

Harmonies

Analogous

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



15.4631, -0.8079, 7.9188



15.4628, -5.7139, 7.2338



15.4631, -8.8933, 5.0554

Triad

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



15.4631, -5.7143, 7.2339



15.4631, -5.7415, -10.5159



15.4631, 11.1208, 0.8245

Complementary

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



15.4628, -5.7139, 7.2338



9.2895, 6.0627, -10.6679

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.



15.4631, 9.3335, -5.0436



15.4628, -5.7139, 7.2338



15.4631, -0.8439, -12.8269

Square

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



15.4631, -5.7143, 7.2339



15.4631, -8.9074, -5.0031



15.4631, 4.7571, -10.5444



15.4631, 9.3559, 5.0348

Rectangle

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



15.4628, -5.7139, 7.2338



15.4631, -9.8555, 2.4908



15.4631, 4.7571, -10.5444



15.4631, 10.9126, -1.0117

Sweetspot

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



15.4631, -5.7143, 7.2339



20.3119, -3.2845, 4.2668



11.8421, 3.7684, 4.4977



11.3034, -1.8732, 2.4372



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

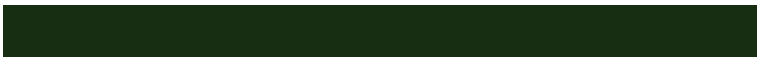
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4631, -5.7143, 7.2339



19.1945, -8.3374, 10.1872



14.7700, -8.4123, 6.6566



9.1470, -0.9194, 1.1295



27.7353, -15.2158, 16.8240



73.6513, -42.0423, 44.6476

Inverse Universe

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



9.2895, 6.0627, -10.6679



9.7360, 10.2251, -18.7302



10.4815, 9.2237, -8.0018



8.6554, -0.0164, -0.2017



9.6348, 23.5909, -48.7424



24.7495, 62.0417, -136.3890

Previews

White Background



This preview shows how the HunterLab color 15.4628, -5.7139, 7.2338 looks on a white background.

Color Contrast Check

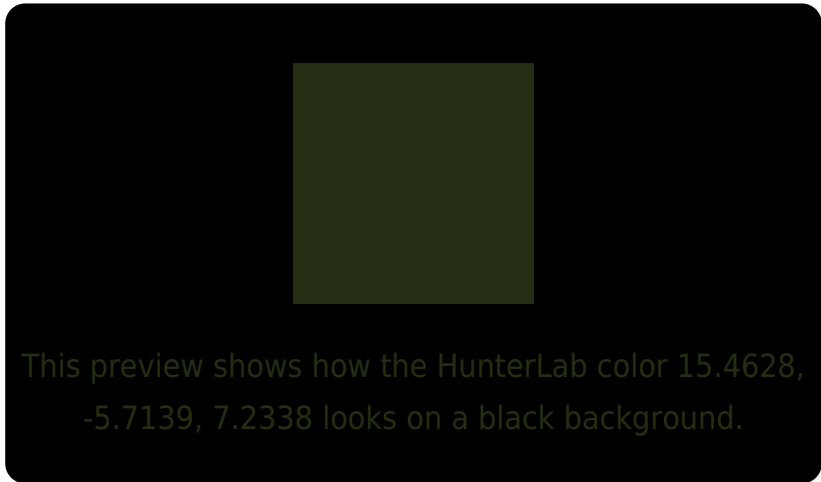
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4628, -5.7139, 7.2338 Background



This preview shows how black text looks on a background with the HunterLab color 15.4628, -5.7139, 7.2338.

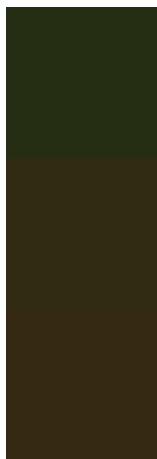


This preview shows how white text looks on a background with the HunterLab color 15.4628, -5.7139,

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

15.4628, -5.7139, 7.2338

Protanopia

15.4810, -1.9098, 7.4748

Deuteranopia

15.4702, 0.4738, 7.0045



Tritanopia

15.4406, -0.9863, -0.8296

Trichromacy



Original Color

15.4628, -5.7139, 7.2338

Protanomaly

15.4185, -3.3588, 7.4028

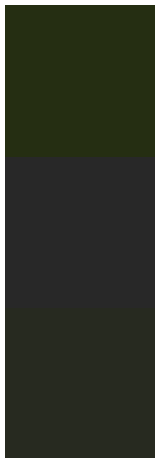
Deuteranomaly

15.4244, -2.0686, 7.1000

Tritanomaly

15.3625, -2.9975, 2.9723

Monochromacy



Original Color

15.4628, -5.7139, 7.2338

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8039, -2.6913, 3.6021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4628, -5.7139, 7.2338 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(37, 46, 18)` looks like.

```
.text, #text, p{  
    color:rgb(37, 46, 18)  
}
```

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(37, 46, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 46, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4628, -5.7139, 7.2338 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(37, 46, 18) }
```


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

```
.border{ border-color:rgb(37, 46, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 46, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 46, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 46, 18);  
box-shadow:4px 4px 4px 4px rgb(37, 46, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4628, -5.7139, 7.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 46, 18) }
```

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

```
.background{ background-color: rgb(37, 46,  
18) }
```

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