

# Converting Colors

HunterLab(15.1734, 4.8400,  
6.2318)

Have a look what the booklet for  
HunterLab(15.1734, 4.8400, 6.2318)  
contains.

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# Color

**HunterLab(15.1138, 4.8367,  
6.2178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C2417
RGB	60, 36, 23
RGB Percent	24%, 14%, 9%
CMY	0.7647, 0.8588, 0.9098
CMYK	0.00, 0.40, 0.62, 0.76
HSL	21°, 45%, 16%
HSV	21°, 62%, 24%
XYZ	2.6490, 2.2843, 1.1119
YIQ	41.6940, 18.4770, 1.0450

# Conversions

## Conversions Part 2

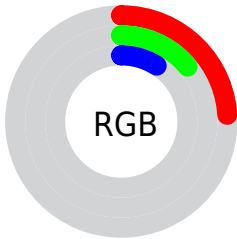
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 43, 23
Decimal	3941399
CIELab	16.91, 9.73, 13.36
CIElCh	17, 16.522, 53.941
Yxy	2.2844, 0.4382, 0.3779
Android (android.graphics.Color)	4282131479 (0xFF3C2417)
YUV	41.6940, -9.2161, 16.0544
Hunter-Lab	15.1138, 4.8367, 6.2178

# Details

The HunterLab color **15.1138, 4.8367, 6.2178** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.9415, -3.4270, -6.1364**, and the grayscale version is **15.1417, -0.8079, 0.8227**.

A 20% lighter version of the original color is **30.8698, 5.1458, 9.2124**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.2832, 6.0492, 6.7057**, and if you desaturate by 10%, it is **15.9993, 3.6914, 5.6156**.

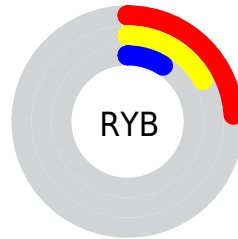
# Distribution



Red (24%)

Green (14%)

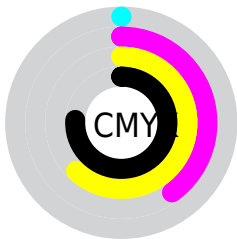
Blue (9%)



Red (24%)

Yellow (17%)

Blue (9%)

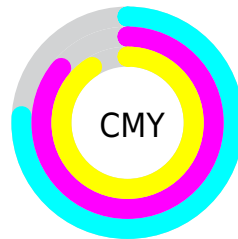


Cyan (0%)

Magenta (40%)

Yellow (62%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1138, 4.8367, 6.2178 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 15.1138, 4.8367, 6.2178 by changing the saturation by 10% instead.



■ 15.1138, 4.8367,  
6.2178

■ 15.1138, 4.8367,  
6.2178

■ 109.0725, 4.5532,  
18.4297

■ 8.7489, 4.5009,  
6.1242

■ 30.8084, 5.3300,  
9.1961

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.9424, 5.4220,  
10.5748

0.0000, NaN, NaN

■ 49.8344, 5.4325,  
11.9162

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.4303, 5.3720,  
13.2346

0.0000, NaN, NaN

■ 71.6861, 5.2482,  
14.5395


0.0000, NaN, NaN


■ 83.5651, 5.0674,


0.0000, NaN, NaN


15.8374


 96.0362, 4.8344,  
17.1330

 15.1138, 4.8367,  
6.2178

 15.1138, 4.8367,  
6.2178


 14.2832, 6.0492,  
6.7057


 15.9993, 3.6914,  
5.6156


 13.5120, 7.3240,  
7.0649


 16.9334, 2.6182,  
4.9125

 12.8002, 8.6176,  
7.3732

 17.9118, 1.6154,  
4.1213

 12.2477, 9.6557,  
7.7160

 18.9302, 0.6801,  
3.2534

 19.9849, -0.1915,  
2.3187

■ 21.0728, -1.0042,  
1.3256

■ 22.1908, -1.7628,  
0.2810

■ 23.3366, -2.4719,  
-0.8089

■ 24.5078, -3.1362,  
-1.9393

# Harmonies

## Analogous

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



15.1142, 8.2834, 3.8886



15.1138, 4.8367, 6.2178



15.1142, 0.1500, 7.0881

# Triad

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



15.1142, 4.8359, 6.2180



15.1142, -8.7243, 1.6949



15.1142, 3.0028, -9.2231

# Complementary

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



15.1138, 4.8367, 6.2178



15.9415, -3.4270, -6.1364

# 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.



15.1142, -1.7413, -10.3427



15.1138, 4.8367, 6.2178



15.1142, -8.1549, -3.0604

# Square

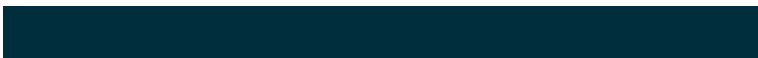
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.1142, 4.8359, 6.2180



15.1142, -7.3894, 5.0286



15.1142, -5.7275, -7.8159



15.1142, 7.1386, -5.1026



# Rectangle

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



15.1138, 4.8367, 6.2178



15.1142, -2.9057, 6.9799



15.1142, -5.7275, -7.8159



15.1142, 1.4123, -10.0062

# Sweetspot

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



15.1142, 4.8359, 6.2180



25.3021, 0.5653, 3.9457



13.3383, 12.5763, -3.5387



13.3095, 0.3825, 2.1763



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055



# Same Dimension

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



15.1142, 4.8359, 6.2180



18.1943, 8.9392, 9.1259



19.2430, -2.5230, 9.3156



11.0760, -0.2497, 1.0931



18.6936, 16.9414, 11.8155



45.7697, 47.8204, 29.0402



# Inverse Universe

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



15.9415, -3.4270, -6.1364



19.4834, -4.3108, -10.6092



11.6844, 3.9553, -14.4232



11.1443, -0.9093, 0.1005



20.4276, -3.2831, -18.4455

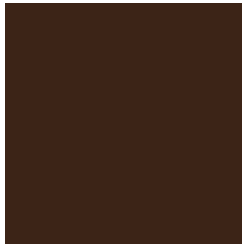


50.1796, -5.5652, -50.7065



# Previews

## White Background



This preview shows how the HunterLab color 15.1138, 4.8367, 6.2178 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

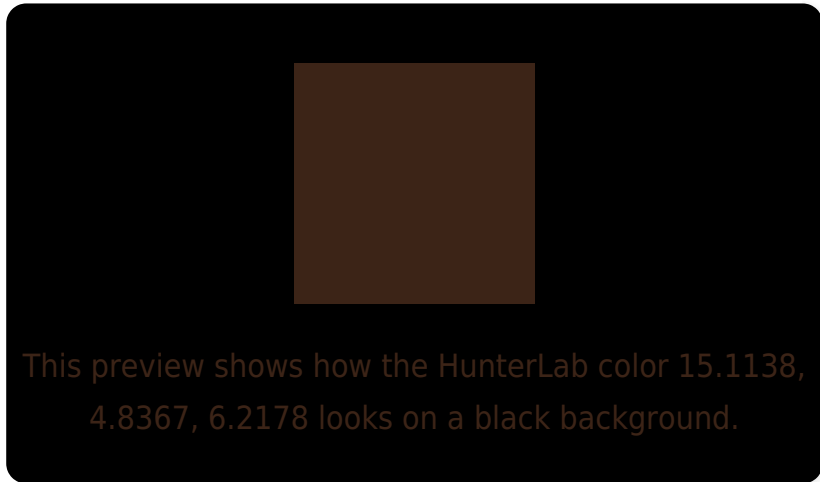
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

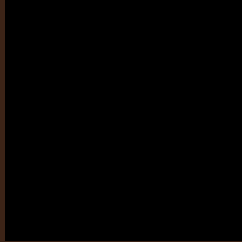
Any Text WCAG AA × Fail

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 15.1138, 4.8367, 6.2178 Background



This preview shows how black text looks on a background with the HunterLab color 15.1138, 4.8367, 6.2178.



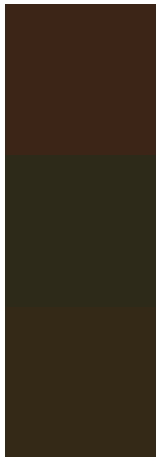
This preview shows how white text looks on a background with the HunterLab color 15.1138, 4.8367,



# 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

15.1138, 4.8367, 6.2178

### Protanopia

15.1887, -1.5463, 5.7420

### Deuteranopia

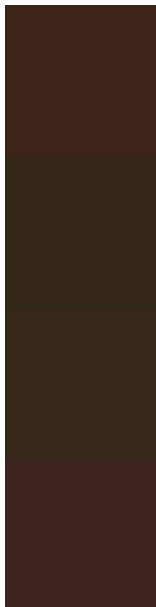
15.1841, 0.6985, 6.4047



## Tritanopia

15.0656, 7.1705, 2.5208

# Trichromacy



## Original Color

15.1138, 4.8367, 6.2178

## Protanomaly

15.1240, 0.5478, 5.9412

## Deuteranomaly

15.2355, 1.9942, 6.4690

## Tritanomaly

15.1606, 6.2735, 4.1077

# Monochromacy



## Original Color

15.1138, 4.8367, 6.2178

## Achromatopsia

15.2162, -0.8119, 0.8267

## Achromatomaly

15.1390, 0.9648, 3.1180

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.1138, 4.8367, 6.2178 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(60, 36, 23)` looks like.

```
.text, #text, p{  
    color:rgb(60, 36, 23)  
}
```

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(60, 36, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 36, 23) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.1138, 4.8367, 6.2178 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(60, 36, 23) }
```



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

```
.border{ border-color:rgb(60, 36, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 36, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 36, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 36, 23);  
box-shadow:4px 4px 4px 4px rgb(60, 36, 23)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 15.1138, 4.8367, 6.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 36, 23) }
```

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

```
.background{ background-color: rgb(60, 36,  
23) }
```

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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