

Converting Colors

HunterLab(33.4321, 1.1320,
9.0023)

Have a look what the booklet for
HunterLab(33.4321, 1.1320, 9.0023)
contains.

HunterLab(33.4137, 1.1520, 9.1138)	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(33.4137, 1.1520,
9.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5B4A
RGB	108, 91, 74
RGB Percent	42%, 36%, 29%
CMY	0.5765, 0.6431, 0.7098
CMYK	0.00, 0.16, 0.31, 0.58
HSL	30°, 19%, 36%
HSV	30°, 31%, 42%
XYZ	11.1615, 11.1648, 8.0453
YIQ	94.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

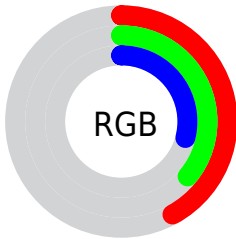
Format	Color
R_{YB}	108, 108, 74
Decimal	7101258
CIE _{Lab}	39.86, 4.09, 12.38
CIE _{LCh}	40, 13.037, 71.735
Yxy	11.1653, 0.3675, 0.3676
Android (android.graphics.Color)	4285291338 (0xFF6C5B4A)
YUV	94.1450, -9.9315, 12.1508
Hunter-Lab	33.4137, 1.1520, 9.1138

Details

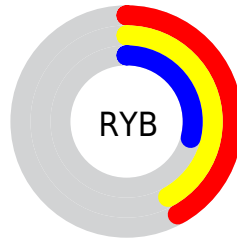
The HunterLab color $[33.4137, 1.1520, 9.1138]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[31.6551, -3.1135, -7.1218]$, and the grayscale version is $[33.5425, -1.7897, 1.8224]$.

A 20% lighter version of the original color is $[52.8710, 0.6480, 11.5762]$, and $[17.1207, 1.6944, 6.3257]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.8461, 2.4692, 10.8566]$, and if you desaturate by 10%, it is $[35.0431, -0.0183, 7.1223]$.

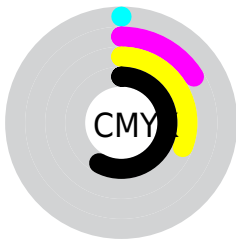
Distribution



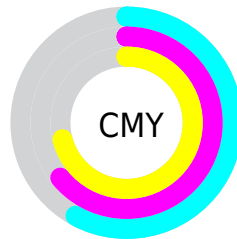
- Red (42%)
- Green (36%)
- Blue (29%)



- Red (42%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4137, 1.1520, 9.1138 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 33.4137, 1.1520, 9.1138 by changing the saturation by 10% instead.

33.4137, 1.1520,
9.1138

33.4137, 1.1520,
9.1138

140.9957, -2.8363,
20.4668

24.8558, 1.3420,
7.7720

52.8823, 0.5812,
11.6844

17.1863, 1.4563,
6.3552

63.6766, 0.2170,
12.9414

10.5243, 1.4745,
5.5491

75.1193, -0.1937,
14.1909

0.0000, INF, NaN

0.0000, NaN, NaN

87.1756, -0.6471,
15.4382

0.0000, NaN, NaN

99.8157, -1.1404,
16.6870

0.0000, NaN, NaN

113.0138, -1.6710,

0.0000, NaN, NaN

17.9401

0.0000, NaN, NaN

126.7471, -2.2369,
19.1995

■ 33.4137, 1.1520,
9.1138

■ 33.4137, 1.1520,
9.1138

■ 31.8461, 2.4692,
10.8566

■ 35.0431, -0.0183,
7.1223

■ 30.3431, 3.9439,
12.3253

■ 36.7275, -1.0468,
4.9035

■ 28.9107, 5.5796,
13.4965

■ 38.4635, -1.9440,
2.4792

■ 27.5543, 7.3767,
14.3482

■ 40.2473, -2.7193,
-0.1312

■ 26.2797, 9.3300,
14.8635

■ 42.0754, -3.3820,
-2.9106

■ 25.0920, 11.4251,
15.0373

■ 43.9447, -3.9410,
-5.8433

■ 24.1396, 13.2430,
15.1066

■ 45.8526, -4.4045,
-8.9156

■ 47.7964, -4.7803,
-12.1155

■ 49.7739, -5.0754,
-15.4323

Harmonies

Analogous

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



33.4145, 5.3689, 7.1408



33.4137, 1.1520, 9.1138



33.4145, -3.6371, 9.3095

Triad

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



33.4145, 1.1508, 9.1143



33.4145, -10.3318, -0.0124



33.4145, 4.5693, -5.4011

Complementary

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



33.4137, 1.1520, 9.1138



31.6551, -3.1135, -7.1218

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.



33.4145, 0.1090, -7.9455



33.4137, 1.1520, 9.1138



33.4145, -8.3829, -4.5541

Square

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



33.4145, 1.1508, 9.1143



33.4145, -10.0879, 4.4496



33.4145, -4.6223, -7.6154



33.4145, 7.4178, -1.0449

Rectangle

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



33.4137, 1.1520, 9.1138



33.4145, -6.4920, 8.4446



33.4145, -4.6223, -7.6154



33.4145, 3.1985, -6.5225

Sweetspot

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



33.4145, 1.1508, 9.1143



49.1726, -1.6675, 5.8015



29.7341, 11.1284, -1.2191



24.0637, -0.7504, 3.0301



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.4145, 1.1508, 9.1143



42.6973, 2.8250, 13.8518



37.9575, -6.3120, 13.1589



18.2851, -0.6326, 2.1205



26.2596, 14.6998, 16.4384



57.7913, 36.6131, 36.2517

Inverse Universe

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



31.6551, -3.1135, -7.1218



39.8362, -4.0665, -12.5956



27.2695, 4.5118, -13.9642



18.0326, -1.2500, -0.2039



20.9347, 4.0711, -34.9549



45.3801, 12.8535, -84.4682

Previews

White Background



This preview shows how the HunterLab color 33.4137, 1.1520, 9.1138 looks on a white background.

Color Contrast Check

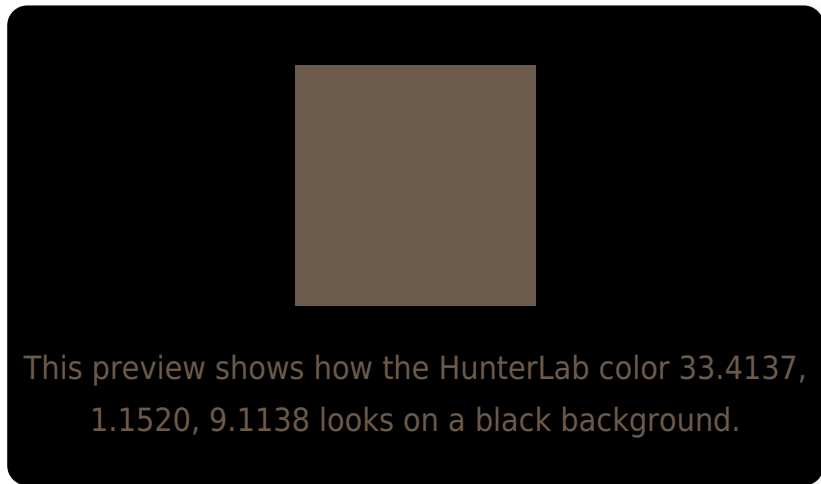
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

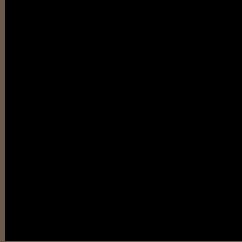
Any Text WCAG AA × Fail

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 33.4137, 1.1520, 9.1138 Background



This preview shows how black text looks on a background with the HunterLab color 33.4137, 1.1520, 9.1138.



This preview shows how white text looks on a background with the HunterLab color 33.4137, 1.1520,

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

33.4137, 1.1520, 9.1138

Protanopia

33.5003, -2.5280, 8.8174

Deuteranopia

33.3493, 2.2423, 9.0710



Tritanopia

33.3477, 5.7974, 1.4014

Trichromacy



Original Color

33.4137, 1.1520, 9.1138

Protanomaly

33.4967, -1.1851, 8.8374

Deuteranomaly

33.2535, 1.9203, 8.9732

Tritanomaly

33.2928, 3.9279, 4.5258

Monochromacy



Original Color

33.4137, 1.1520, 9.1138

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.4208, -0.9091, 4.5815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4137, 1.1520, 9.1138 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(108, 91, 74)` looks like.

```
.text, #text, p{  
    color:rgb(108, 91, 74)  
}
```

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(108, 91, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 91, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4137, 1.1520, 9.1138 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(108, 91, 74) }
```


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

```
.border{ border-color:rgb(108, 91, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 91, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 91, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 91, 74);  
box-shadow:4px 4px 4px 4px rgb(108, 91,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4137, 1.1520, 9.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 91, 74) }
```

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

```
.background{ background-color: rgb(108, 91,  
74) }
```

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