

Converting Colors

HunterLab(41.5725, -0.9251,
17.3199)

Have a look what the booklet for
HunterLab(41.5725, -0.9251,
17.3199) contains.

HunterLab(41.5199, -0.9350, 17.2937)	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(41.5199, -0.9350,
17.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	857146
RGB	133, 113, 70
RGB Percent	52%, 44%, 27%
CMY	0.4784, 0.5568, 0.7255
CMYK	0.00, 0.15, 0.47, 0.48
HSL	41°, 31%, 40%
HSV	41°, 47%, 52%
XYZ	16.6835, 17.2390, 8.2425
YIQ	114.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

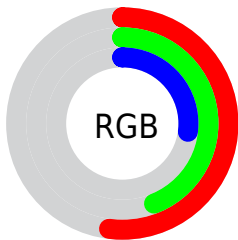
Format	Color
R_{YB}	99, 133, 70
Decimal	8745286
CIE Lab	48.56, 1.68, 26.71
CIE LCh	49, 26.758, 86.407
Yxy	17.2398, 0.3957, 0.4089
Android (android.graphics.Color)	4286935366 (0xFF857146)
YUV	114.0780, -21.7305, 16.5946
Hunter-Lab	41.5199, -0.9350, 17.2937

Details

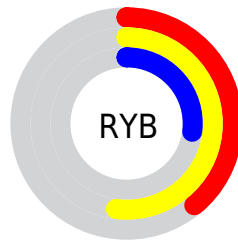
The HunterLab color $41.5199, -0.9350, 17.2937$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32.1054, 1.7239, -21.1662$, and the grayscale version is $41.1254, -2.1943, 2.2344$.

A 20% lighter version of the original color is $62.2952, -2.1995, 21.7367$, and $23.7584, 0.0864, 12.3462$ is the 20% darker color. If you saturate the color by 10%, you get $40.2117, -0.0151, 19.1280$, and if you desaturate by 10%, it is $42.8846, -1.6518, 14.9976$.

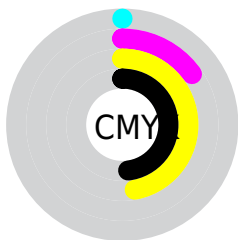
Distribution



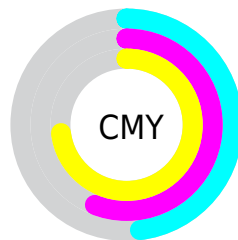
- Red (52%)
- Green (44%)
- Blue (27%)



- Red (39%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5199, -0.9350, 17.2937 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 41.5199, -0.9350, 17.2937 by changing the saturation by 10% instead.

■ 41.5199, -0.9350,
17.2937

■ 41.5199, -0.9350,
17.2937

■ 153.8020, -6.2395,
35.3310

■ 32.2578, -0.5439,
14.9329

■ 62.2396, -1.8602,
21.6699

■ 23.8091, -0.2045,
12.3983

■ 73.6003, -2.3836,
23.7391

■ 16.2626, 0.0736,
10.0339

■ 85.5788, -2.9443,
25.7529

■ 9.7427, 0.2776,
6.8199

■ 98.1448, -3.5400,
27.7235

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.2718, -4.1688,
29.6602

0.0000, NaN, NaN

124.9370, -4.8293,

0.0000, NaN, NaN

31.5700

0.0000, NaN, NaN

139.1198, -5.5199,
33.4588

■ 41.5199, -0.9350,
17.2937

■ 41.5199, -0.9350,
17.2937

■ 40.2117, -0.0151,
19.1280

■ 42.8846, -1.6518,
14.9976

■ 38.9587, 1.1137,
20.4884

■ 44.3010, -2.1644,
12.2546

■ 37.7628, 2.4464,
21.3729

■ 45.7681, -2.4804,
9.0849

■ 36.6246, 3.9746,
21.7921

■ 47.2839, -2.6071,
5.5105

■ 35.5394, 5.6622,
21.8306

■ 48.8461, -2.5527,
1.5539

■ 35.2589, 6.1125,
21.8334

■ 50.4528, -2.3261,
-2.7618

■ 52.1018, -1.9362,
-7.4141

■ 53.7912, -1.3920,
-12.3815

■ 55.5190, -0.7026,
-17.6432

Harmonies

Analogous

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



41.5209, 9.6342, 15.3531



41.5199, -0.9350, 17.2937



41.5209, -10.8742, 16.1134

Triad

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



41.5209, -0.9366, 17.2942



41.5209, -18.8955, -7.2890



41.5209, 16.1012, -9.9208

Complementary

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



41.5199, -0.9350, 17.2937



32.1054, 1.7239, -21.1662

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.



41.5209, 7.2119, -19.0486



41.5199, -0.9350, 17.2937



41.5209, -12.8733, -17.2815

Square

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



41.5209, -0.9366, 17.2942



41.5209, -20.6144, 3.4533



41.5209, -3.4834, -22.0311



41.5209, 20.0716, 1.0304

Rectangle

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



41.5199, -0.9350, 17.2937



41.5209, -15.9339, 13.5018



41.5209, -3.4834, -22.0311



41.5209, 13.5485, -13.4002

Sweetspot

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



41.5209, -0.9366, 17.2942



61.8590, -3.3974, 10.7550



31.8157, 21.4744, 1.5357



29.1840, -1.5913, 5.5133



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



41.5209, -0.9366, 17.2942



53.6528, 0.1084, 25.7931



46.2509, -13.0520, 20.8429



22.7604, -1.2578, 2.9855



34.4332, 5.9250, 21.3213



2.3290, -0.1812, 1.4319

Inverse Universe

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



32.1054, 1.7239, -21.1662



38.4778, 5.0161, -37.4349



27.9308, 13.5886, -29.6556



21.8359, -1.0493, -0.6845



17.9396, 16.7166, -58.5093



1.5218, 0.0060, -1.9151

Previews

White Background



This preview shows how the HunterLab color 41.5199, -0.9350, 17.2937 looks on a white background.

Color Contrast Check

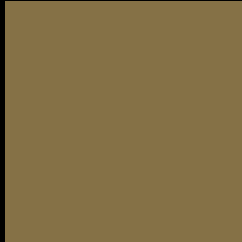
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.5199, -0.9350, 17.2937 looks on a 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 41.5199, -0.9350, 17.2937 Background



This preview shows how black text looks on a background with the HunterLab color 41.5199, -0.9350, 17.2937.



This preview shows how white text looks on a background with the HunterLab color 41.5199, -0.9350,

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

41.5199, -0.9350, 17.2937

Protanopia

41.4150, -4.0663, 16.9144

Deuteranopia

41.4515, 2.9418, 17.0671



Tritanopia

41.3457, 8.4924, 1.9317

Trichromacy



Original Color

41.5199, -0.9350, 17.2937

Protanomaly

41.4206, -2.6390, 16.9440

Deuteranomaly

41.4031, 1.4324, 17.0009

Tritanomaly

41.3187, 4.9097, 8.6078

Monochromacy



Original Color

41.5199, -0.9350, 17.2937

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.2085, -2.3450, 8.7259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5199, -0.9350, 17.2937 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(133, 113, 70)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 70)  
}
```

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(133, 113, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5199, -0.9350, 17.2937 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(133, 113, 70) }
```


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

```
.border{ border-color:rgb(133, 113, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 113, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 113, 70);  
box-shadow:4px 4px 4px 4px rgb(133, 113,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5199, -0.9350, 17.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 70) }
```

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

```
.background{ background-color: rgb(133,  
113, 70) }
```

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