

Converting Colors

HunterLab(39.9213, 2.1894,
15.7455)

Have a look what the booklet for
HunterLab(39.9213, 2.1894,
15.7455) contains.

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Color

**HunterLab(39.9460, 1.8942,
15.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	856B47
RGB	133, 107, 71
RGB Percent	52%, 42%, 28%
CMY	0.4784, 0.5804, 0.7216
CMYK	0.00, 0.20, 0.47, 0.48
HSL	35°, 30%, 40%
HSV	35°, 47%, 52%
XYZ	16.0678, 15.9568, 8.1943
YIQ	110.6700, 27.0520, -5.6840

Conversions

Conversions Part 2

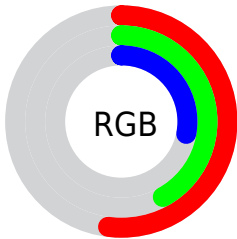
Format	Color
R_{YB}	116, 133, 71
Decimal	8743751
CIE _{Lab}	46.92, 5.27, 24.04
CIE _{LCh}	47, 24.610, 77.641
Yxy	15.9576, 0.3995, 0.3968
Android (android.graphics.Color)	4286933831 (0xFF856B47)
YUV	110.6700, -19.5573, 19.5834
Hunter-Lab	39.9460, 1.8942, 15.7998

Details

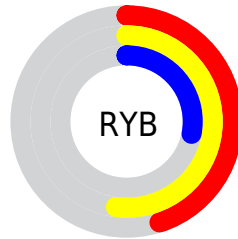
The HunterLab color $39.9460, 1.8942, 15.7998$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $34.0322, -1.3017, -17.7115$, and the grayscale version is $39.8095, -2.1241, 2.1629$.

A 20% lighter version of the original color is $60.3113, 1.3294, 19.7185$, and $22.5835, 2.2278, 11.3891$ is the 20% darker color. If you saturate the color by 10%, you get $38.3138, 3.4130, 17.5355$, and if you desaturate by 10%, it is $41.6511, 0.5798, 13.6477$.

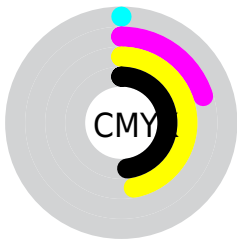
Distribution



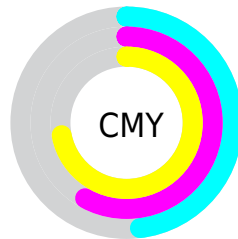
- Red (52%)
- Green (42%)
- Blue (28%)



- Red (45%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9460, 1.8942, 15.7998 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 39.9460, 1.8942, 15.7998 by changing the saturation by 10% instead.

■ 39.9460, 1.8942,
15.7998

■ 39.9460, 1.8942,
15.7998

151.3576, -1.8784,
32.6038

■ 30.8126, 2.0602,
13.6215

■ 60.4355, 1.3726,
19.8473

■ 22.5053, 2.1533,
11.2829

■ 71.6916, 1.0333,
21.7670

■ 15.1175, 2.1563,
9.1755

■ 83.5709, 0.6472,
23.6397

■ 8.7519, 2.1569,
6.1263

■ 96.0423, 0.2181,
25.4763

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.0788, -0.2514,
27.2852

0.0000, NaN, NaN

122.6571, -0.7586,

0.0000, NaN, NaN

136.7562, -1.3015,
30.8444

■ 39.9460, 1.8942,
15.7998

■ 39.9460, 1.8942,
15.7998

■ 38.3138, 3.4130,
17.5355

■ 41.6511, 0.5798,
13.6477

■ 36.7557, 5.1444,
18.8309

■ 43.4220, -0.5321,
11.1037

■ 35.2768, 7.0852,
19.6710

■ 45.2556, -1.4521,
8.1956

■ 33.8805, 9.2264,
20.0520

■ 47.1479, -2.1904,
4.9506

■ 32.5664, 11.5345,
20.0339

■ 49.0953, -2.7577,
1.3947

■ 32.1355, 12.3234,
20.0175

■ 51.0944, -3.1650,
-2.4473

■ 53.1420, -3.4231,
-6.5525

■ 55.2352, -3.5424,
-10.8999

■ 57.3712, -3.5328,
-15.4704

Harmonies

Analogous

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



39.9469, 11.0732, 13.0911



39.9460, 1.8942, 15.7998



39.9469, -7.5727, 15.5449

Triad

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



39.9469, 1.8926, 15.8003



39.9469, -18.2396, -3.5186



39.9469, 12.4346, -11.5508

Complementary

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



39.9460, 1.8942, 15.7998



34.0322, -1.3017, -17.7115

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.



39.9469, 3.6130, -18.4281



39.9460, 1.8942, 15.7998



39.9469, -13.8203, -13.0905

Square

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



39.9469, 1.8926, 15.8003



39.9469, -18.6060, 5.7516



39.9469, -6.0064, -19.0500



39.9469, 17.5339, -1.7675

Rectangle

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



39.9460, 1.8942, 15.7998



39.9469, -12.7885, 13.7253



39.9469, -6.0064, -19.0500



39.9469, 9.7702, -14.3697

Sweetspot

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



39.9469, 1.8926, 15.8003



61.1365, -2.1912, 10.0083



32.2063, 21.9223, -0.9829



28.7975, -0.9454, 5.1194



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.



39.9469, 1.8926, 15.8003



51.1317, 4.7109, 23.5985



46.7831, -11.0634, 21.0788



22.5928, -0.9787, 2.8054



31.3891, 11.9734, 19.5514



2.2045, 0.0279, 1.3589

Inverse Universe

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



34.0322, -1.3017, -17.7115



41.6012, -0.0813, -31.0020



27.7512, 11.8916, -30.1007



22.0039, -1.3282, -0.4781



20.7389, 9.9836, -47.4734



1.6970, -0.2796, -1.5175

Previews

White Background



This preview shows how the HunterLab color 39.9460, 1.8942, 15.7998 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 39.9460, 1.8942, 15.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

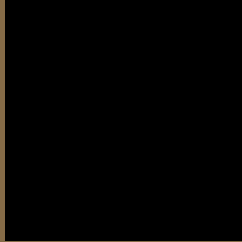
Any Text WCAG AA × Fail

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 39.9460, 1.8942, 15.7998 Background



This preview shows how black text looks on a background with the HunterLab color 39.9460, 1.8942, 15.7998.



This preview shows how white text looks on a background with the HunterLab color 39.9460, 1.8942,

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

39.9460, 1.8942, 15.7998

Protanopia

39.8934, -3.7165, 15.1490

Deuteranopia

39.7886, 2.7005, 15.6818



Tritanopia

39.9336, 10.0491, 2.8805

Trichromacy



Original Color

39.9460, 1.8942, 15.7998

Protanomaly

39.9746, -2.0688, 15.5027

Deuteranomaly

39.7886, 2.7005, 15.6818

Tritanomaly

39.9742, 6.9164, 8.3394

Monochromacy



Original Color

39.9460, 1.8942, 15.7998

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.8978, -1.3923, 8.1154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9460, 1.8942, 15.7998 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, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(133, 107, 71)  
}
```

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, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 107, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9460, 1.8942, 15.7998 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, 107, 71) }
```


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

```
.border{ border-color:rgb(133, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(133, 107,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9460, 1.8942, 15.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 107, 71) }
```

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

```
.background{ background-color: rgb(133,  
107, 71) }
```

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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