

Converting Colors

HunterLab(39.2040, -12.8831,
9.9552)

Have a look what the booklet for
HunterLab(39.2040, -12.8831,
9.9552) contains.

HunterLab(39.2033, -12.9510, 9.9672)	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(39.2033,
-12.9510, 9.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7458
RGB	90, 116, 88
RGB Percent	35%, 45%, 35%
CMY	0.6471, 0.5451, 0.6549
CMYK	0.22, 0.00, 0.24, 0.55
HSL	116°, 14%, 40%
HSV	116°, 24%, 45%
XYZ	12.2233, 15.3690, 11.5548
YIQ	105.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

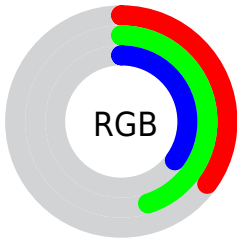
Format	Color
R_{YB}	88, 116, 114
Decimal	5928024
CIE _{Lab}	46.14, -15.45, 12.44
CIE _{LCh}	46, 19.835, 141.150
Yxy	15.3696, 0.3122, 0.3926
Android (android.graphics.Color)	4284118104 (0xFF5A7458)
YUV	105.0340, -8.3978, -13.1848
Hunter-Lab	39.2033, -12.9510, 9.9672

Details

The HunterLab color **39.2033, -12.9510, 9.9672** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34.3776, 10.3622, -7.1333**, and the grayscale version is **37.6311, -2.0079, 2.0446**.

A 20% lighter version of the original color is **59.5844, -15.6745, 12.5152**, and **21.9431, -10.0812, 7.4261** is the 20% darker color. If you saturate the color by 10%, you get **38.3286, -16.7429, 12.6347**, and if you desaturate by 10%, it is **40.1962, -8.7593, 6.9806**.

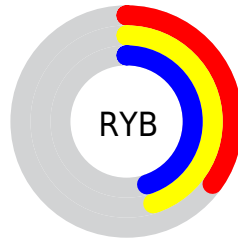
Distribution



 Red (35%)

 Green (45%)

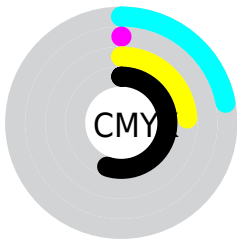
 Blue (35%)



 Red (35%)

 Yellow (45%)

 Blue (45%)

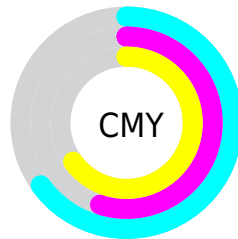


 Cyan (22%)


 Magenta (0%)

 Yellow (24%)

 Black (55%)



 Cyan (65%)

 Magenta (55%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2033, -12.9510, 9.9672 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 39.2033, -12.9510, 9.9672 by changing the saturation by 10% instead.

■ 39.2033, -12.9510,
9.9672

■ 39.2033, -12.9510,
9.9672

150.1975,
-25.6098, 21.3297

■ 30.1317, -11.4435,
8.6511

■ 59.5822, -15.8455,
12.5170

■ 21.8927, -9.8635,
7.2806

■ 70.7880, -17.2573,
13.7720

■ 14.5817, -8.1669,
5.8179

■ 82.6197, -18.6565,
15.0229

■ 8.2422, -8.6071,
5.7695

■ 95.0458, -20.0485,
16.2738

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.0390,
-21.4372, 17.5279

0.0000, NaN, NaN

121.5756,

0.0000, NaN, NaN

-22.8255, 18.7874

0.0000, NaN, NaN

135.6347,
-24.2158, 20.0543

■ 39.2033, -12.9510,
9.9672

■ 39.2033, -12.9510,
9.9672

■ 38.3286, -16.7429,
12.6347

■ 40.1962, -8.7593,
6.9806

■ 37.5714, -20.0939,
14.9554

■ 41.3019, -4.2081,
3.7040

■ 36.9329, -22.9735,
16.9098

■ 42.5172, 0.6575,
0.1699

■ 36.4115, -25.3608,
18.4866

■ 43.8378, 5.7938,
-3.5894

■ 36.0038, -27.2483,
19.6856

■ 45.2587, 11.1596,
-7.5426

■ 35.7040, -28.6447,
20.5202

■ 46.7745, 16.7171,
-11.6612

■ 35.5028, -29.5829,
21.0327

■ 48.3800, 22.4326,
-15.9188

■ 35.4187, -29.9837,
21.2999

■ 50.0701, 28.2766,
-20.2926

■ 51.8394, 34.2242,
-24.7625

Harmonies

Analogous

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



39.2041, -7.2848, 13.1112



39.2033, -12.9510, 9.9672



39.2041, -15.6534, 4.2357

Triad

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



39.2041, -12.9518, 9.9676



39.2041, -4.3416, -14.4526



39.2041, 12.6623, 6.8749

Complementary

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



39.2033, -12.9510, 9.9672



34.3776, 10.3622, -7.1333

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.



39.2041, 13.6026, -0.0909



39.2033, -12.9510, 9.9672



39.2041, 3.3819, -13.3710

Square

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



39.2041, -12.9518, 9.9676



39.2041, -10.9398, -10.4686



39.2041, 10.0915, -7.7480



39.2041, 7.6132, 11.5793

Rectangle

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



39.2033, -12.9510, 9.9672



39.2041, -15.5648, -0.6830



39.2041, 10.0915, -7.7480



39.2041, 13.4840, 4.7563

Sweetspot

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



39.2041, -12.9518, 9.9676



54.2969, -7.4592, 6.2687



40.4696, -4.9065, 11.3249



26.4910, -3.7630, 3.1481



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



39.2041, -12.9518, 9.9676



51.3080, -20.0529, 15.2483



39.3444, -11.8947, 5.9935



20.2720, -3.2257, 2.6598



37.5152, -31.7829, 22.5603



82.7262, -70.5428, 49.7405

Inverse Universe

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



34.3776, 10.3622, -7.1333



43.5067, 17.7067, -12.4626



34.2039, 9.0736, -1.6221



19.3527, 1.2013, -0.5850



22.2929, 44.5247, -34.7994



49.0520, 98.0609, -77.2776

Previews

White Background



This preview shows how the HunterLab color 39.2033, -12.9510, 9.9672 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 39.2033, -12.9510, 9.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

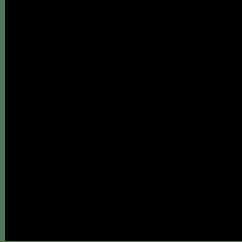
Any Text WCAG AA × Fail

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 39.2033, -12.9510, 9.9672 Background



This preview shows how black text looks on a background with the HunterLab color 39.2033, -12.9510, 9.9672.



This preview shows how white text looks on a background with the HunterLab color 39.2033,

-12.9510, 9.9672.

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

39.2033, -12.9510, 9.9672

Protanopia

39.1231, -3.1721, 11.0275

Deuteranopia

39.0857, 2.3922, 9.4534



Tritanopia

39.3136, -4.9188, -3.1420

Trichromacy



Original Color

39.2033, -12.9510, 9.9672

Protanomaly

39.2250, -7.0401, 10.7393

Deuteranomaly

38.9477, -3.6204, 9.5485

Tritanomaly

39.1076, -7.8171, 2.0266

Monochromacy



Original Color

39.2033, -12.9510, 9.9672

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.1411, -6.0180, 5.0472

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2033, -12.9510, 9.9672 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(90, 116, 88)` looks like.

```
.text, #text, p{  
    color:rgb(90, 116, 88)  
}
```

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(90, 116, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 116, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2033, -12.9510, 9.9672 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(90, 116, 88) }
```


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

```
.border{ border-color:rgb(90, 116, 88) }
```

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

Here you see how a box with a 4 pixel rgb(90, 116, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 116, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 116, 88);  
box-shadow:4px 4px 4px 4px rgb(90, 116,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2033, -12.9510, 9.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 116, 88) }
```

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

```
.background{ background-color: rgb(90, 116,  
88) }
```

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