

Converting Colors

HunterLab(34.0146, -12.2596,
9.0819)

Have a look what the booklet for
HunterLab(34.0146, -12.2596,
9.0819) contains.

HunterLab(33.9812, -12.1813, 9.1115)	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(33.9812,
-12.1813, 9.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	4C664B
RGB	76, 102, 75
RGB Percent	30%, 40%, 29%
CMY	0.7020, 0.6000, 0.7059
CMYK	0.25, 0.00, 0.26, 0.60
HSL	118°, 15%, 35%
HSV	118°, 26%, 40%
XYZ	9.0018, 11.5472, 8.4110
YIQ	91.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

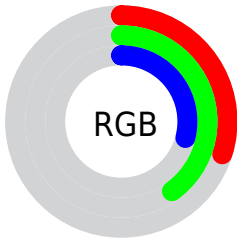
Format	Color
R_{YB}	75, 102, 101
Decimal	5006923
CIE _{Lab}	40.49, -15.57, 12.21
CIE _{LCh}	40, 19.788, 141.882
Yxy	11.5477, 0.3108, 0.3987
Android (android.graphics.Color)	4283197003 (0xFF4C664B)
YUV	91.1480, -7.9610, -13.2848
Hunter-Lab	33.9812, -12.1813, 9.1115

Details

The HunterLab color **33.9812, -12.1813, 9.1115** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.5947, 10.2228, -6.7696**, and the grayscale version is **32.4301, -1.7304, 1.7620**.

A 20% lighter version of the original color is **53.4768, -15.1880, 11.5446**, and **17.6709, -8.9175, 6.3832** is the 20% darker color. If you saturate the color by 10%, you get **33.2370, -15.4222, 11.3433**, and if you desaturate by 10%, it is **34.8315, -8.5770, 6.6122**.

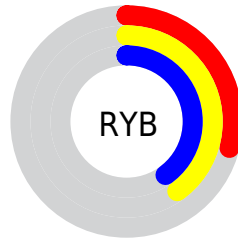
Distribution



Red (30%)

Green (40%)

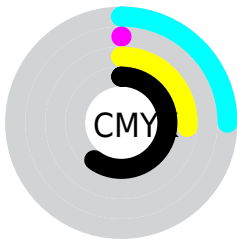
Blue (29%)



Red (29%)

Yellow (40%)

Blue (40%)

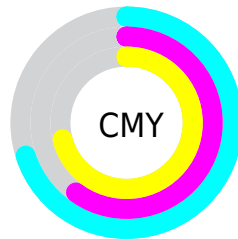


Cyan (25%)

Magenta (0%)

Yellow (26%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9812, -12.1813, 9.1115 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 33.9812, -12.1813, 9.1115 by changing the saturation by 10% instead.

■ 33.9812, -12.1813,
9.1115

■ 33.9812, -12.1813,
9.1115

141.9111,
-24.9531, 20.3841

■ 25.3703, -10.6283,
7.7857

■ 53.5431, -15.1304,
11.6571

■ 17.6416, -8.9797,
6.3895

■ 64.3794, -16.5591,
12.9039

■ 10.9116, -7.2591,
5.4089

■ 75.8618, -17.9711,
14.1443

■ 2.3244, -4.0678,
1.6271

■ 87.9558, -19.3727,
15.3833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.6318,
-20.7685, 16.6245

0.0000, NaN, NaN

113.8642,

0.0000, NaN, NaN

-22.1622, 17.8704

0.0000, NaN, NaN

127.6306,
-23.5564, 19.1231

■ 33.9812, -12.1813,
9.1115

■ 33.9812, -12.1813,
9.1115

■ 33.2370, -15.4222,
11.3433

■ 34.8315, -8.5770,
6.6122

■ 32.5979, -18.2641,
13.2839

■ 35.7831, -4.6450,
3.8706

■ 32.0645, -20.6817,
14.9166

■ 36.8337, -0.4260,
0.9149

■ 31.6351, -22.6588,
16.2320

■ 37.9791, 4.0405,
-2.2268

■ 31.3059, -24.1925,
17.2305

■ 39.2149, 8.7170,
-5.5277

■ 31.0711, -25.2947,
17.9238

■ 40.5365, 13.5686,
-8.9627

■ 30.9157, -26.0306,
18.3962

■ 41.9391, 18.5646,
-12.5095

■ 30.8667, -26.2653,
18.5601

■ 43.4179, 23.6777,
-16.1483

■ 44.9683, 28.8848,
-19.8619

Harmonies

Analogous

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



33.9819, -6.8969, 12.0656



33.9812, -12.1813, 9.1115



33.9819, -14.6412, 3.6842

Triad

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



33.9819, -12.1820, 9.1119



33.9819, -3.7772, -14.2292



33.9819, 12.2373, 6.4655

Complementary

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



33.9812, -12.1813, 9.1115



29.5947, 10.2228, -6.7696

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.



33.9819, 13.2504, -0.0931



33.9812, -12.1813, 9.1115



33.9819, 3.5842, -13.0450

Square

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



33.9819, -12.1820, 9.1119



33.9819, -10.0639, -10.4416



33.9819, 9.9662, -7.4828



33.9819, 7.3044, 10.7778

Rectangle

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



33.9812, -12.1813, 9.1115



33.9819, -14.5055, -1.0203



33.9819, 9.9662, -7.4828



33.9819, 13.0634, 4.4894

Sweetspot

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



33.9819, -12.1820, 9.1119



47.1555, -7.0958, 5.7856



35.4583, -4.8156, 10.6341



22.8306, -3.7457, 3.0191



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.9819, -12.1820, 9.1119



44.3494, -18.9568, 14.0143



34.1902, -10.8627, 5.1850



17.7399, -2.8134, 2.2777



34.9742, -29.7889, 21.0294



79.8192, -68.2586, 47.9892

Inverse Universe

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



29.5947, 10.2228, -6.7696



37.2166, 17.5630, -11.8810



29.3135, 8.5901, -1.2843



16.9827, 1.0386, -0.4515



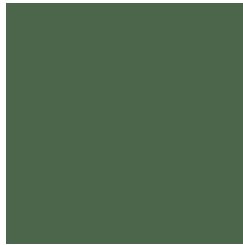
21.3993, 42.4043, -30.8017



48.7820, 96.7128, -70.5867

Previews

White Background



This preview shows how the HunterLab color 33.9812, -12.1813, 9.1115 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 33.9812, -12.1813, 9.1115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

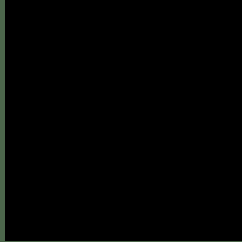
Any Text WCAG AA × Fail

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 33.9812, -12.1813, 9.1115 Background



This preview shows how black text looks on a background with the HunterLab color 33.9812, -12.1813, 9.1115.



This preview shows how white text looks on a background with the HunterLab color 33.9812, -12.1813, 9.1115.

-12.1813, 9.1115.

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

33.9812, -12.1813, 9.1115

Protanopia

33.8778, -2.6905, 10.0985

Deuteranopia

33.7602, 2.4436, 8.5150



Tritanopia

33.9489, -4.9255, -2.9810

Trichromacy



Original Color

33.9812, -12.1813, 9.1115

Protanomaly

33.9758, -6.4765, 9.8226

Deuteranomaly

33.6198, -3.4381, 8.5980

Tritanomaly

33.7819, -7.5906, 1.6820

Monochromacy



Original Color

33.9812, -12.1813, 9.1115

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.8918, -5.6274, 4.6774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9812, -12.1813, 9.1115 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(76, 102, 75)` looks like.

```
.text, #text, p{  
    color:rgb(76, 102, 75)  
}
```

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(76, 102, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 102, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9812, -12.1813, 9.1115 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(76, 102, 75) }
```


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

```
.border{ border-color:rgb(76, 102, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 102, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 102, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 102, 75);  
box-shadow:4px 4px 4px 4px rgb(76, 102,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9812, -12.1813, 9.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 102, 75) }
```

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

```
.background{ background-color: rgb(76, 102,  
75) }
```

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