

Converting Colors

HunterLab(47.4195, -47.8876,
25.2066)

Have a look what the booklet for
HunterLab(47.4195, -47.8876,
25.2066) contains.

HunterLab(48.9634, -40.5479, 26.3313)	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(48.9634,
-40.5479, 26.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	009C2E
RGB	0, 156, 46
RGB Percent	0%, 61%, 18%
CMY	1.0000, 0.3882, 0.8196
CMYK	1.00, 0.00, 0.71, 0.39
HSL	138°, 100%, 31%
HSV	138°, 100%, 61%
XYZ	12.3816, 23.9741, 6.5596
YIQ	96.8160, -57.6660, -67.2820

Conversions

Conversions Part 2

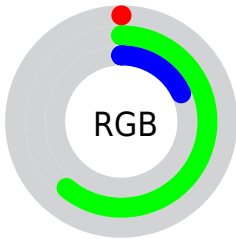
Format	Color
RYB	0, 120, 156
Decimal	39982
CIELab	56.06, -57.15, 45.84
CIELCh	56, 73.262, 141.266
Yxy	23.9751, 0.2885, 0.5586
Android (android.graphics.Color)	4278230062 (0xFF009C2E)
YUV	96.8160, -25.0523, -84.9076
Hunter-Lab	48.9634, -40.5479, 26.3313

Details

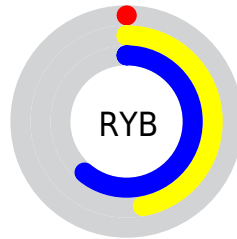
The HunterLab color **48.9634, -40.5479, 26.3313** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.6253, 52.9541, -11.9899**, and the grayscale version is **34.6127, -1.8468, 1.8806**.

A 20% lighter version of the original color is **70.7762, -48.5304, 33.0824**, and **31.1456, -26.7074, 18.7242** is the 20% darker color. If you saturate the color by 10%, you get **48.9644, -40.5487, 26.3317**, and if you desaturate by 10%, it is **49.1731, -39.4634, 24.9415**.

Distribution



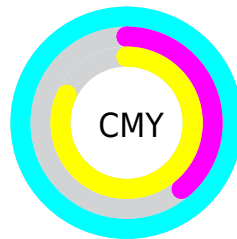
- Red (0%)
- Green (61%)
- Blue (18%)



- Red (0%)
- Yellow (47%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9634, -40.5479, 26.3313 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 48.9634, -40.5479, 26.3313 by changing the saturation by 10% instead.

■ 48.9634, -40.5479,
26.3313

■ 48.9634, -40.5479,
26.3313

165.1347,
-72.1092, 53.3198

■ 39.1346, -36.1990,
22.6759

■ 70.7033, -48.4965,
33.0728

■ 30.0681, -31.4967,
18.7735

■ 82.5306, -52.1941,
36.2253

■ 21.8354, -26.3154,
15.2848

■ 94.9524, -55.7519,
39.2656

■ 14.5317, -21.8057,
10.1722

■ 107.9415,
-59.1932, 42.2123

■ 8.1927, -14.3372,
5.7349

■ 121.4742,
-62.5364, 45.0801

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.5295,

-65.7960, 47.8811

0.0000, NaN, NaN

150.0887,
-68.9838, 50.6249

0.0000, NaN, NaN

■ 48.9634, -40.5479,
26.3313

■ 48.9634, -40.5479,
26.3313

■ 48.9644, -40.5487,
26.3317

■ 49.1731, -39.4634,
24.9415

■ 49.4871, -37.8948,
23.2774

■ 49.9420, -35.7037,
21.3665

■ 50.5503, -32.8598,
19.2274

■ 51.3199, -29.3582,
16.8840

■ 52.2557, -25.2155,
14.3642

■ 53.3593, -20.4654,
11.6984

■ 54.6301, -15.1545,
8.9177

■ 56.0651, -9.3381,
6.0529

Harmonies

Analogous

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



48.9644, -22.1627, 31.3850



48.9634, -40.5479, 26.3313



48.9644, -48.2221, 10.4187

Triad

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



48.9644, -40.5485, 26.3315



48.9644, -11.2253, -91.0704



48.9644, 65.0849, 18.9176

Complementary

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



48.9634, -40.5479, 26.3313



28.6253, 52.9541, -11.9899

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.



48.9644, 70.0800, -6.6087



48.9634, -40.5479, 26.3313



48.9644, 20.5797, -83.3217

Square

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



48.9644, -40.5485, 26.3315



48.9644, -34.2337, -64.0907



48.9644, 52.1900, -46.8179



48.9644, 39.8590, 29.2965

Rectangle

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



48.9634, -40.5479, 26.3313



48.9644, -47.9563, -9.5651



48.9644, 52.1900, -46.8179



48.9644, 69.3954, 12.3790

Sweetspot

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



48.9644, -40.5485, 26.3315



71.8160, -27.9835, 15.9842



52.1629, -27.8213, 31.6554



33.4058, -14.3333, 8.1631



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



48.9644, -40.5485, 26.3315



65.9649, -54.7903, 35.8263



50.1877, -33.0049, 8.5180



27.2610, -4.3131, 2.8329



44.4442, -36.7619, 23.8069



6.0006, -4.5573, 2.3377

Inverse Universe

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



28.6253, 52.9541, -11.9899



38.5308, 71.1988, -15.5167



26.8004, 46.3226, 14.0102



25.9253, 1.5926, 0.0645



25.9911, 48.1022, -11.0474



3.5745, 6.7837, -2.8243

Previews

White Background



This preview shows how the HunterLab color 48.9634, -40.5479, 26.3313 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.9634, -40.5479, 26.3313 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.9634, -40.5479, 26.3313 Background



This preview shows how black text looks on a background with the HunterLab color 48.9634, -40.5479, 26.3313.



This preview shows how white text looks on a background with the HunterLab color 48.9634, -40.5479, 26.3313.

-40.5479, 26.3313.

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

48.9634, -40.5479, 26.3313

Protanopia

48.6697, -6.3713, 27.4330

Deuteranopia

48.5502, 3.3824, 25.4066



Tritanopia

49.0735, -18.6629, -8.6270

Trichromacy



Original Color

48.9634, -40.5479, 26.3313



Protanomaly

46.8466, -25.5501, 25.6471



Deuteranomaly

46.3563, -20.8531, 24.0442



Tritanomaly

48.5474, -29.6891, 8.8412

Monochromacy



Original Color

48.9634, -40.5479, 26.3313



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

38.1196, -20.6314, 11.9173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9634, -40.5479, 26.3313 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(0, 156, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 46)  
}
```

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(0, 156, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9634, -40.5479, 26.3313 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(0, 156, 46) }
```


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

```
.border{ border-color:rgb(0, 156, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 46);  
box-shadow:4px 4px 4px 4px rgb(0, 156, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.9634, -40.5479, 26.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 46) }
```

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

```
.background{ background-color: rgb(0, 156,  
46) }
```

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