

Converting Colors

HunterLab(53.4140, -39.8314,
19.2219)

Have a look what the booklet for
HunterLab(53.4140, -39.8314,
19.2219) contains.

HunterLab(53.4212, -39.7886, 19.1202)	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(53.4212,
-39.7886, 19.1202)**

Conversions

Conversions Part 1

Format	Color
Hex	00A763
RGB	0, 167, 99
RGB Percent	0%, 65%, 39%
CMY	1.0000, 0.3451, 0.6118
CMYK	1.00, 0.00, 0.41, 0.35
HSL	156°, 100%, 33%
HSV	156°, 100%, 65%
XYZ	16.0708, 28.5382, 16.4657
YIQ	109.3150, -77.7040, -56.5520

Conversions

Conversions Part 2

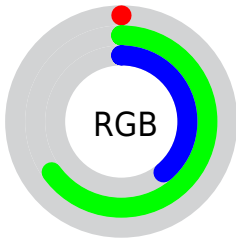
Format	Color
RYB	0, 105, 167
Decimal	42851
CIELab	60.37, -52.71, 25.12
CIELCh	60, 58.387, 154.515
Yxy	28.5394, 0.2631, 0.4673
Android (android.graphics.Color)	4278232931 (0xFF00A763)
YUV	109.3150, -5.0853, -95.8693
Hunter-Lab	53.4212, -39.7886, 19.1202

Details

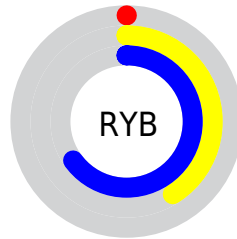
The HunterLab color **53.4212, -39.7886, 19.1202** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.3827, 51.7380, 7.9730**, and the grayscale version is **39.2676, -2.0952, 2.1335**.

A 20% lighter version of the original color is **75.6317, -46.9023, 23.1631**, and **34.7121, -27.3074, 15.5618** is the 20% darker color. If you saturate the color by 10%, you get **53.4222, -39.7896, 19.1214**, and if you desaturate by 10%, it is **53.6577, -38.5574, 17.3812**.

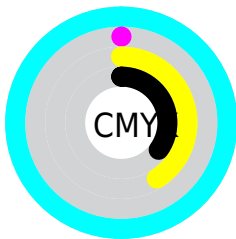
Distribution



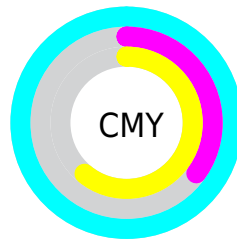
- Red (0%)
- Green (65%)
- Blue (39%)



- Red (0%)
- Yellow (41%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.4212, -39.7886, 19.1202 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 53.4212, -39.7886, 19.1202 by changing the saturation by 10% instead.


 53.4212, -39.7886,
19.1202


 53.4212, -39.7886,
19.1202


171.7659,
-68.8212, 36.0065

 43.2812, -35.8779,
17.0133


 75.7261, -47.0051,
23.1120


 33.8781, -31.6851,
14.7971


 87.8132, -50.3880,
25.0302


 25.2761, -27.1140,
12.4303


 100.4826,
-53.6563, 26.9120

 17.5582, -22.0129,
9.9290

 113.7088,
-56.8290, 28.7656

 10.8405, -18.9709,
7.5884

 127.4692,
-59.9210, 30.5974

 2.0319, -3.5559,
1.4223

 141.7439,

0.0000, NaN, NaN

-62.9442, 32.4122

0.0000, NaN, NaN

156.5148,
-65.9083, 34.2142

0.0000, NaN, NaN

■ 53.4212, -39.7886,
19.1202

■ 53.4212, -39.7886,
19.1202

■ 53.4222, -39.7896,
19.1214

■ 53.6577, -38.5574,
17.3812

■ 53.9925, -36.9031,
15.5968

■ 54.4619, -34.6937,
13.8134

■ 55.0787, -31.8957,
12.0588

■ 55.8518, -28.4987,
10.3589

■ 56.7868, -24.5116,
8.7370

■ 57.8864, -19.9590,
7.2131

■ 59.1508, -14.8776,
5.8039

■ 60.5782, -9.3125,
4.5222

Harmonies

Analogous

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



53.4223, -27.5254, 28.5799



53.4212, -39.7886, 19.1202



53.4223, -42.9303, -0.8313

Triad

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



53.4223, -39.7891, 19.1206



53.4223, 0.9966, -66.0203



53.4223, 42.9739, 22.9185

Complementary

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



53.4212, -39.7886, 19.1202



29.3827, 51.7380, 7.9730

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.



53.4223, 54.2246, 6.3950



53.4212, -39.7886, 19.1202



53.4223, 27.3112, -50.3855

Square

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



53.4223, -39.7891, 19.1206



53.4223, -22.0603, -57.2920



53.4223, 48.0224, -20.8365



53.4223, 19.5206, 29.9561

Rectangle

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



53.4212, -39.7886, 19.1202



53.4223, -40.0319, -19.8450



53.4223, 48.0224, -20.8365



53.4223, 48.4869, 18.6562

Sweetspot

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



53.4223, -39.7891, 19.1206



77.3792, -27.0624, 9.7607



53.7823, -39.9688, 32.4404



36.3121, -14.0049, 5.0019



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.4223, -39.7891, 19.1206



71.4621, -53.4286, 26.0155



50.5974, -23.7008, -12.0787



29.1197, -4.2725, 2.1291



46.7415, -34.7405, 16.5720



7.3574, -5.0099, 1.6188

Inverse Universe

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



29.3827, 51.7380, 7.9730



39.2713, 69.0585, 11.3830



29.2025, 47.2640, 18.8214



27.5519, 1.3656, 1.0166



25.7201, 45.3241, 6.7152



4.1371, 7.5250, -0.7376

Previews

White Background



This preview shows how the HunterLab color 53.4212, -39.7886, 19.1202 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 53.4212, -39.7886, 19.1202 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 53.4212, -39.7886, 19.1202 Background



This preview shows how black text looks on a background with the HunterLab color 53.4212, -39.7886, 19.1202.



This preview shows how white text looks on a background with the HunterLab color 53.4212, -39.7886, 19.1202.

-39.7886, 19.1202.

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

53.4212, -39.7886, 19.1202

Protanopia

53.1583, -5.4821, 21.8713

Deuteranopia

53.0696, 3.4213, 17.5272



Tritanopia

53.2786, -21.1991, -10.4163

Trichromacy



Original Color

53.4212, -39.7886, 19.1202



Protanomaly

51.3220, -24.6564, 19.2290



Deuteranomaly

50.7202, -20.1257, 15.9011



Tritanomaly

52.8823, -29.4494, 2.0364

Monochromacy



Original Color

53.4212, -39.7886, 19.1202



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.7205, -20.4983, 7.4171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.4212, -39.7886, 19.1202 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, 167, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 99)  
}
```

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, 167, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 53.4212, -39.7886, 19.1202 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, 167, 99) }
```


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

```
.border{ border-color:rgb(0, 167, 99) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.4212, -39.7886, 19.1202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 99) }
```

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

```
.background{ background-color: rgb(0, 167,  
99) }
```

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