

Converting Colors

HunterLab(52.9576, -39.5903,
19.2717)

Have a look what the booklet for
HunterLab(52.9576, -39.5903,
19.2717) contains.

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Color

**HunterLab(53.0429,
-39.6755, 19.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	00A661
RGB	0, 166, 97
RGB Percent	0%, 65%, 38%
CMY	1.0000, 0.3490, 0.6196
CMYK	1.00, 0.00, 0.42, 0.35
HSL	155°, 100%, 33%
HSV	155°, 100%, 65%
XYZ	15.7939, 28.1355, 15.9075
YIQ	108.5000, -76.7870, -56.6510

Conversions

Conversions Part 2

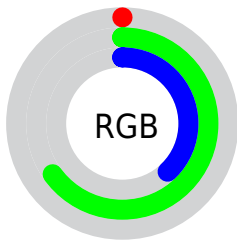
Format	Color
RYB	0, 105, 166
Decimal	42593
CIELab	60.01, -52.75, 25.72
CIELCh	60, 58.683, 154.008
Yxy	28.1366, 0.2639, 0.4702
Android (android.graphics.Color)	4278232673 (0xFF00A661)
YUV	108.5000, -5.6695, -95.1545
Hunter-Lab	53.0429, -39.6755, 19.3490

Details

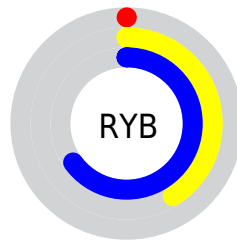
The HunterLab color **53.0429, -39.6755, 19.3490** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.2186, 51.5070, 7.4781**, and the grayscale version is **38.9588, -2.0787, 2.1167**.

A 20% lighter version of the original color is **75.2026, -46.9078, 23.4296**, and **34.6872, -27.4620, 15.9266** is the 20% darker color. If you saturate the color by 10%, you get **53.0438, -39.6766, 19.3503**, and if you desaturate by 10%, it is **53.2790, -38.4454, 17.6119**.

Distribution



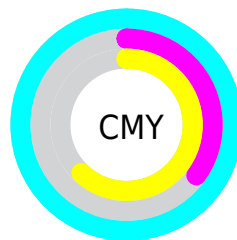
- Red (0%)
- Green (65%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.0429, -39.6755, 19.3490 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 53.0429, -39.6755, 19.3490 by changing the saturation by 10% instead.


 53.0429, -39.6755,
19.3490


 53.0429, -39.6755,
19.3490


171.2072,
-68.7600, 36.5148

 42.9286, -35.7530,
17.1979


 75.3011, -46.9097,
23.4179


 33.5532, -31.5452,
14.9321


 87.3666, -50.2995,
25.3703


 24.9815, -26.9545,
12.5091


 100.0155,
-53.5738, 27.2841

 17.2975, -21.8286,
10.0028

 113.2220,
-56.7518, 29.1678

 10.6187, -18.5828,
7.4331

 126.9634,
-59.8484, 31.0280

 0.3639, -0.6369,
0.2548

 141.2198,

0.0000, NaN, NaN

-62.8758, 32.8699

0.0000, NaN, NaN

155.9732,
-65.8437, 34.6977

0.0000, NaN, NaN

■ 53.0429, -39.6755,
19.3490

■ 53.0429, -39.6755,
19.3490

■ 53.0438, -39.6766,
19.3503

■ 53.2790, -38.4454,
17.6119

■ 53.6131, -36.7932,
15.8235

■ 54.0811, -34.5871,
14.0299

■ 54.6960, -31.7940,
12.2588

■ 55.4665, -28.4040,
10.5360

■ 56.3980, -24.4262,
8.8850

■ 57.4932, -19.8854,
7.3263

■ 58.7524, -14.8183,
5.8767

■ 60.1737, -9.2704,
4.5496

Harmonies

Analogous

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



53.0440, -27.2600, 28.6165



53.0429, -39.6755, 19.3490



53.0440, -42.9654, -0.4294

Triad

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



53.0440, -39.6760, 19.3494



53.0440, 0.5891, -66.5481



53.0440, 43.4981, 22.7098

Complementary

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



53.0429, -39.6755, 19.3490



29.2186, 51.5070, 7.4781

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.



53.0440, 54.5364, 6.0028



53.0429, -39.6755, 19.3490



53.0440, 27.0124, -51.1497

Square

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



53.0440, -39.6760, 19.3494



53.0440, -22.4051, -57.3335



53.0440, 48.0047, -21.4866



53.0440, 20.0657, 29.8255

Rectangle

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



53.0429, -39.6755, 19.3490



53.0440, -40.1726, -19.4448



53.0440, 48.0047, -21.4866



53.0440, 48.9608, 18.4003

Sweetspot

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



53.0440, -39.6760, 19.3494



77.3636, -27.1524, 9.9841



53.4275, -39.6974, 32.2265



36.3039, -14.0526, 5.1197



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.



53.0440, -39.6760, 19.3494



71.4284, -53.6368, 26.5072



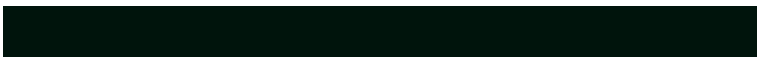
50.2643, -23.5464, -11.9956



29.1179, -4.2827, 2.1552



46.7195, -34.8759, 16.8918



7.3545, -5.0275, 1.6604

Inverse Universe

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



29.2186, 51.5070, 7.4781



39.3107, 69.2029, 10.8121



29.0123, 46.9399, 18.6985



27.5538, 1.3757, 0.9896



25.7462, 45.4200, 6.3363



4.1417, 7.5415, -0.8018

Previews

White Background



This preview shows how the HunterLab color 53.0429, -39.6755, 19.3490 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 53.0429, -39.6755, 19.3490 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 53.0429, -39.6755, 19.3490 Background



This preview shows how black text looks on a background with the HunterLab color 53.0429, -39.6755, 19.3490.



This preview shows how white text looks on a background with the HunterLab color 53.0429, -39.6755, 19.3490.

-39.6755, 19.3490.

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

53.0429, -39.6755, 19.3490

Protanopia

52.7439, -5.5312, 22.0253

Deuteranopia

52.6521, 3.3421, 17.7547



Tritanopia

52.9229, -20.9858, -10.3622

Trichromacy



Original Color

53.0429, -39.6755, 19.3490



Protanomaly

50.9128, -24.6849, 19.4140



Deuteranomaly

50.3066, -20.1828, 16.1349



Tritanomaly

52.4939, -29.4147, 2.4806

Monochromacy



Original Color

53.0429, -39.6755, 19.3490



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 53.0429, -39.6755, 19.3490 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, 166, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 97)  
}
```

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, 166, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0429, -39.6755, 19.3490 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, 166, 97) }
```


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

```
.border{ border-color:rgb(0, 166, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 166, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.0429, -39.6755, 19.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 97) }
```

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

```
.background{ background-color: rgb(0, 166,  
97) }
```

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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