

Converting Colors

HunterLab(53.0525, -39.0071,
17.8954)

Have a look what the booklet for
HunterLab(53.0525, -39.0071,
17.8954) contains.

HunterLab(53.1336, -39.1165, 18.0290)	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(53.1336,
-39.1165, 18.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	00A666
RGB	0, 166, 102
RGB Percent	0%, 65%, 40%
CMY	1.0000, 0.3490, 0.6000
CMYK	1.00, 0.00, 0.39, 0.35
HSL	157°, 100%, 33%
HSV	157°, 100%, 65%
XYZ	16.0345, 28.2318, 17.1746
YIQ	109.0700, -78.3920, -55.0960

Conversions

Conversions Part 2

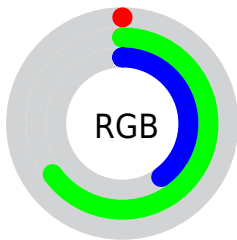
Format	Color
RYB	0, 103, 166
Decimal	42598
CIELab	60.10, -51.73, 23.14
CIELCh	60, 56.671, 155.899
Yxy	28.2329, 0.2610, 0.4595
Android (android.graphics.Color)	4278232678 (0xFF00A666)
YUV	109.0700, -3.4855, -95.6544
Hunter-Lab	53.1336, -39.1165, 18.0290

Details

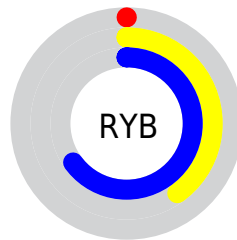
The HunterLab color **53.1336, -39.1165, 18.0290** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.1168, 51.1329, 8.9560**, and the grayscale version is **39.1689, -2.0900, 2.1281**.

A 20% lighter version of the original color is **75.3321, -46.1251, 21.5503**, and **34.7514, -27.0632, 14.9855** is the 20% darker color. If you saturate the color by 10%, you get **53.1345, -39.1178, 18.0305**, and if you desaturate by 10%, it is **53.3671, -37.9052, 16.3339**.

Distribution



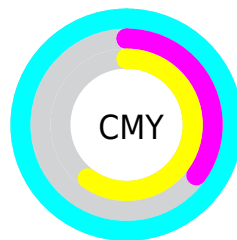
- Red (0%)
- Green (65%)
- Blue (40%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.1336, -39.1165, 18.0290 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 53.1336, -39.1165, 18.0290 by changing the saturation by 10% instead.


 53.1336, -39.1165,
18.0290


 53.1336, -39.1165,
18.0290


171.3412,
-67.7218, 34.0330


 43.0132, -35.2676,
16.0546


 75.4030, -46.2209,
21.7846


 33.6311, -31.1412,
13.9831


 87.4737, -49.5524,
23.5958

 25.0521, -26.6422,
11.7763


 100.1275,
-52.7720, 25.3768

 17.3599, -21.6192,
9.4033

 113.3387,
-55.8981, 27.1347

 10.6718, -18.6757,
7.4703

 127.0847,
-58.9455, 28.8753

 1.0447, -1.8282,
0.7313

 141.3455,

0.0000, NaN, NaN

-61.9259, 30.6029

0.0000, NaN, NaN

156.1031,
-64.8487, 32.3212

0.0000, NaN, NaN

■ 53.1336, -39.1165,
18.0290

■ 53.1336, -39.1165,
18.0290

■ 53.1345, -39.1178,
18.0305

■ 53.3671, -37.9052,
16.3339

■ 53.6969, -36.2815,
14.6091

■ 54.1593, -34.1138,
12.9010

■ 54.7670, -31.3686,
11.2370

■ 55.5288, -28.0350,
9.6420

■ 56.4502, -24.1212,
8.1382

■ 57.5340, -19.6505,
6.7442

■ 58.7806, -14.6585,
5.4754

■ 60.1884, -9.1889,
4.3430

Harmonies

Analogous

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



53.1347, -27.5540, 27.7691



53.1336, -39.1165, 18.0290



53.1347, -41.7858, -1.8819

Triad

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



53.1347, -39.1170, 18.0294



53.1347, 2.0502, -63.0372



53.1347, 40.5561, 22.9115

Complementary

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



53.1336, -39.1165, 18.0290



29.1168, 51.1329, 8.9560

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.



53.1347, 52.0849, 7.2608



53.1336, -39.1165, 18.0290



53.1347, 27.4292, -47.1802

Square

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



53.1347, -39.1170, 18.0294



53.1347, -20.6034, -55.7815



53.1347, 46.8945, -18.6474



53.1347, 17.6197, 29.5711

Rectangle

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



53.1336, -39.1165, 18.0290



53.1347, -38.6761, -20.4155



53.1347, 46.8945, -18.6474



53.1347, 46.0654, 18.8744

Sweetspot

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



53.1347, -39.1170, 18.0294



77.4192, -26.8314, 9.1872



53.3348, -40.0846, 32.1625



36.3332, -13.8823, 4.6991



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.



53.1347, -39.1170, 18.0294



71.5509, -52.8809, 24.7223



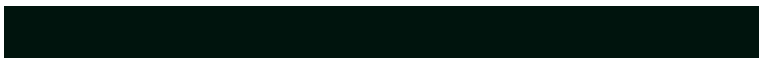
49.3723, -22.4280, -13.2946



29.1244, -4.2464, 2.0623



46.7992, -34.3849, 15.7322



7.3649, -4.9644, 1.5112

Inverse Universe

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



29.1168, 51.1329, 8.9560



39.1750, 68.7053, 12.7807



29.1483, 46.4883, 18.7743



27.5471, 1.3397, 1.0852



25.6559, 45.0889, 7.6451



4.1254, 7.4827, -0.5731

Previews

White Background



This preview shows how the HunterLab color 53.1336, -39.1165, 18.0290 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 53.1336, -39.1165, 18.0290 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 53.1336, -39.1165, 18.0290 Background



This preview shows how black text looks on a background with the HunterLab color 53.1336, -39.1165, 18.0290.



This preview shows how white text looks on a background with the HunterLab color 53.1336,

-39.1165, 18.0290.

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

53.1336, -39.1165, 18.0290

Protanopia

52.8251, -5.0825, 20.8383

Deuteranopia

52.6257, 3.4115, 16.5035



Tritanopia

53.2491, -21.3119, -10.4602

Trichromacy



Original Color

53.1336, -39.1165, 18.0290



Protanomaly

51.0003, -24.1682, 18.1380



Deuteranomaly

50.4069, -19.5990, 14.6787



Tritanomaly

52.8934, -29.3467, 1.5961

Monochromacy



Original Color

53.1336, -39.1165, 18.0290



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.7447, -20.3554, 7.0690

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1336, -39.1165, 18.0290 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1336, -39.1165, 18.0290 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, 102) }
```


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

```
.border{ border-color:rgb(0, 166, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1336, -39.1165, 18.0290 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, 102) }
```

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

```
.background{ background-color: rgb(0, 166,  
102) }
```

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