

Converting Colors

HunterLab(48.5456, -54.2456,
16.0647)

Have a look what the booklet for
HunterLab(48.5456, -54.2456,
16.0647) contains.

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Color

**HunterLab(51.9640,
-39.0070, 19.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	00A35E
RGB	0, 163, 94
RGB Percent	0%, 64%, 37%
CMY	1.0000, 0.3608, 0.6314
CMYK	1.00, 0.00, 0.42, 0.36
HSL	155°, 100%, 32%
HSV	155°, 100%, 64%
XYZ	15.1176, 27.0026, 15.0050
YIQ	106.3970, -74.9990, -56.0150

Conversions

Conversions Part 2

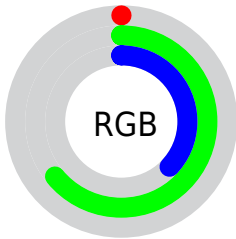
Format	Color
RYB	0, 103, 163
Decimal	41822
CIELab	58.98, -52.27, 25.97
CIELCh	59, 58.364, 153.584
Yxy	27.0037, 0.2646, 0.4727
Android (android.graphics.Color)	4278231902 (0xFF00A35E)
YUV	106.3970, -6.1117, -93.3102
Hunter-Lab	51.9640, -39.0070, 19.2544

Details

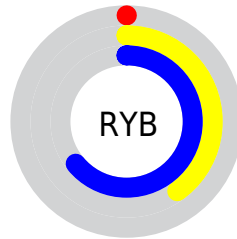
The HunterLab color **51.9640, -39.0070, 19.2544** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.6649, 50.5873, 6.9004**, and the grayscale version is **38.1596, -2.0361, 2.0733**.

A 20% lighter version of the original color is **74.0481, -46.2688, 23.3690**, and **33.6885, -26.7975, 15.7405** is the 20% darker color. If you saturate the color by 10%, you get **51.9649, -39.0081, 19.2556**, and if you desaturate by 10%, it is **52.1977, -37.7905, 17.5460**.

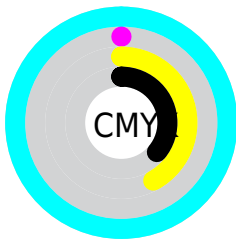
Distribution



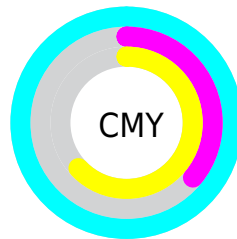
- Red (0%)
- Green (64%)
- Blue (37%)



- Red (0%)
- Yellow (40%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9640, -39.0070, 19.2544 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 51.9640, -39.0070, 19.2544 by changing the saturation by 10% instead.

■ 51.9640, -39.0070,
19.2544

■ 51.9640, -39.0070,
19.2544

169.6098,
-67.9638, 36.5639

■ 41.9237, -35.0924,
17.0758

■ 74.0876, -46.2177,
23.3674

■ 32.6282, -30.8877,
14.7772

■ 86.0912, -49.5936,
25.3381

■ 24.1440, -26.2916,
12.3136

■ 98.6810, -52.8534,
27.2684

■ 16.5577, -21.2044,
9.8994

■ 111.8309,
-56.0165, 29.1672

■ 9.9918, -17.4856,
6.9942

■ 125.5180,
-59.0980, 31.0412

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.7220,

-62.1101, 32.8959

0.0000, NaN, NaN

154.4247,
-65.0627, 34.7356

0.0000, NaN, NaN

■ 51.9640, -39.0070,
19.2544

■ 51.9640, -39.0070,
19.2544

■ 51.9649, -39.0081,
19.2556

■ 52.1977, -37.7905,
17.5460

■ 52.5270, -36.1612,
15.7818

■ 52.9878, -33.9874,
14.0071

■ 53.5926, -31.2373,
12.2490

■ 54.3499, -27.9016,
10.5331

■ 55.2650, -23.9897,
8.8824

■ 56.3404, -19.5262,
7.3173

■ 57.5763, -14.5473,
5.8548

■ 58.9709, -9.0975,
4.5083

Harmonies

Analogous

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



51.9650, -26.6455, 28.2293



51.9640, -39.0070, 19.2544



51.9650, -42.3710, -0.0926

Triad

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



51.9650, -39.0075, 19.2548



51.9650, 0.2441, -66.0234



51.9650, 43.3033, 22.2082

Complementary

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



51.9640, -39.0070, 19.2544



28.6649, 50.5873, 6.9004

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.



51.9650, 54.0046, 5.5895



51.9640, -39.0070, 19.2544



51.9650, 26.3733, -51.0466

Square

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



51.9650, -39.0075, 19.2548



51.9650, -22.3640, -56.5363



51.9650, 47.2939, -21.7181



51.9650, 20.2276, 29.2856

Rectangle

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



51.9640, -39.0070, 19.2544



51.9650, -39.7055, -18.8320



51.9650, 47.2939, -21.7181



51.9650, 48.6449, 17.9217

Sweetspot

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



51.9650, -39.0075, 19.2548



75.3098, -26.4845, 9.9064



52.4609, -38.4891, 31.6521



35.4067, -13.7209, 5.0874



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.9650, -39.0075, 19.2548



69.5116, -52.3830, 26.1964



50.1451, -24.1725, -10.4951



28.2140, -4.1472, 2.1085



45.8205, -34.3260, 16.8284



6.7106, -4.5543, 1.4437

Inverse Universe

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



28.6649, 50.5873, 6.9004



38.3098, 67.5158, 9.9567



28.3255, 46.3628, 18.2652



26.7084, 1.3289, 0.9379



25.2869, 44.6597, 5.8352



3.7910, 6.9290, -0.9364

Previews

White Background



This preview shows how the HunterLab color 51.9640, -39.0070, 19.2544 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 51.9640, -39.0070, 19.2544 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 51.9640, -39.0070, 19.2544 Background



This preview shows how black text looks on a background with the HunterLab color 51.9640, -39.0070, 19.2544.



This preview shows how white text looks on a background with the HunterLab color 51.9640, -39.0070, 19.2544.

-39.0070, 19.2544.

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

51.9640, -39.0070, 19.2544

Protanopia

51.5671, -5.3281, 21.5595

Deuteranopia

51.5678, 3.7745, 17.6863



Tritanopia

51.8284, -20.4613, -10.2443

Trichromacy



Original Color

51.9640, -39.0070, 19.2544



Protanomaly

49.8125, -24.1477, 19.0221



Deuteranomaly

49.2529, -19.5319, 16.0973



Tritanomaly

51.3999, -28.8640, 2.5475

Monochromacy



Original Color

51.9640, -39.0070, 19.2544



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

41.6309, -20.1055, 7.3983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9640, -39.0070, 19.2544 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, 163, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 94)  
}
```

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, 163, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9640, -39.0070, 19.2544 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, 163, 94) }
```


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

```
.border{ border-color:rgb(0, 163, 94) }
```

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

Here you see how a box with a 4 pixel rgb(0, 163, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 94);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.9640, -39.0070, 19.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 94) }
```

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

```
.background{ background-color: rgb(0, 163,  
94) }
```

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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