

Converting Colors

HunterLab(51.8182, -39.9155,
21.3978)

Have a look what the booklet for
HunterLab(51.8182, -39.9155,
21.3978) contains.

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Color

**HunterLab(51.8172,
-39.9146, 21.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	00A355
RGB	0, 163, 85
RGB Percent	0%, 64%, 33%
CMY	1.0000, 0.3608, 0.6667
CMYK	1.00, 0.00, 0.48, 0.36
HSL	151°, 100%, 32%
HSV	151°, 100%, 64%
XYZ	14.7368, 26.8502, 13.0002
YIQ	105.3710, -72.1100, -58.8140

Conversions

Conversions Part 2

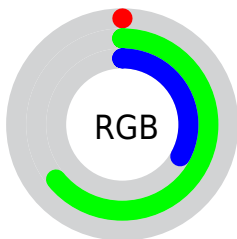
Format	Color
RYB	0, 107, 163
Decimal	41813
CIELab	58.84, -53.95, 30.54
CIELCh	59, 62.000, 150.486
Yxy	26.8513, 0.2700, 0.4919
Android (android.graphics.Color)	4278231893 (0xFF00A355)
YUV	105.3710, -10.0429, -92.4104
Hunter-Lab	51.8172, -39.9146, 21.3970

Details

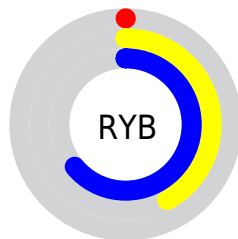
The HunterLab color **51.8172, -39.9146, 21.3970** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.8740, 51.3519, 3.8886**, and the grayscale version is **37.7834, -2.0160, 2.0528**.

A 20% lighter version of the original color is **73.9015, -47.2243, 26.0237**, and **33.5938, -27.3872, 17.1318** is the 20% darker color. If you saturate the color by 10%, you get **51.8182, -39.9155, 21.3978**, and if you desaturate by 10%, it is **52.0529, -38.6818, 19.6540**.

Distribution



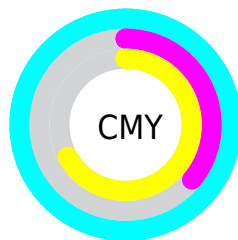
- Red (0%)
- Green (64%)
- Blue (33%)



- Red (0%)
- Yellow (42%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8172, -39.9146, 21.3970 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 51.8172, -39.9146, 21.3970 by changing the saturation by 10% instead.

■ 51.8172, -39.9146,
21.3970

■ 51.8172, -39.9146,
21.3970

169.3920,
-69.6734, 40.8249

■ 41.7871, -35.8764,
18.8955

■ 73.9224, -47.3430,
26.0826

■ 32.5025, -31.5346,
16.2429

■ 85.9175, -50.8165,
28.3110

■ 24.0303, -26.7840,
13.3879

■ 98.4992, -54.1680,
30.4838

■ 16.4575, -21.5891,
11.0335

■ 111.6414,
-57.4177, 32.6119

■ 9.9071, -17.3374,
6.9350

■ 125.3210,
-60.5816, 34.7038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.5179,

-63.6722, 36.7665

0.0000, NaN, NaN

154.2136,
-66.7000, 38.8053

0.0000, NaN, NaN

■ 51.8172, -39.9146,
21.3970

■ 51.8172, -39.9146,
21.3970

■ 51.8182, -39.9155,
21.3978

■ 52.0529, -38.6818,
19.6540

■ 52.3871, -37.0175,
17.8136

■ 52.8557, -34.7893,
15.9196

■ 53.4714, -31.9661,
13.9994

■ 54.2425, -28.5399,
12.0798

■ 55.1741, -24.5220,
10.1861

■ 56.2687, -19.9392,
8.3413

■ 57.5263, -14.8304,
6.5660

■ 58.9447, -9.2426,
4.8769

Harmonies

Analogous

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



51.8182, -26.0592, 29.5443



51.8172, -39.9146, 21.3970



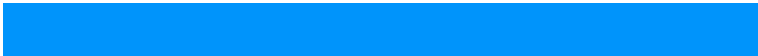
51.8182, -44.3404, 2.4102

Triad

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



51.8182, -39.9151, 21.3973



51.8182, -2.3373, -72.2824



51.8182, 48.5530, 21.8060

Complementary

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



51.8172, -39.9146, 21.3970



28.8740, 51.3519, 3.8886

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.



51.8182, 58.2909, 3.2277



51.8172, -39.9146, 21.3970



51.8182, 25.5395, -58.3194

Square

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



51.8182, -39.9151, 21.3973



51.8182, -25.4512, -59.1391



51.8182, 49.1376, -27.0037



51.8182, 24.6454, 29.6836

Rectangle

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



51.8172, -39.9146, 21.3970



51.8182, -42.2181, -17.0534



51.8182, 49.1376, -27.0037



51.8182, 53.7832, 17.0183

Sweetspot

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



51.8182, -39.9151, 21.3973



75.2128, -27.0452, 11.2984



52.7717, -37.2007, 31.8663



35.3557, -14.0178, 5.8204



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.



51.8182, -39.9151, 21.3973



69.3152, -53.5982, 29.0652



52.8066, -27.4038, -6.8466



28.2026, -4.2109, 2.2720



45.6912, -35.1255, 18.7158



6.6945, -4.6527, 1.6764

Inverse Universe

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



28.8740, 51.3519, 3.8886



38.5878, 68.5321, 5.9486



28.0105, 47.4270, 18.0900



26.7204, 1.3931, 0.7680



25.4719, 45.3354, 3.1727



3.8194, 7.0309, -1.3312

Previews

White Background



This preview shows how the HunterLab color 51.8172, -39.9146, 21.3970 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 51.8172, -39.9146, 21.3970 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 51.8172, -39.9146, 21.3970 Background



This preview shows how black text looks on a background with the HunterLab color 51.8172, -39.9146, 21.3970.



This preview shows how white text looks on a background with the HunterLab color 51.8172,

-39.9146, 21.3970.

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

51.8172, -39.9146, 21.3970

Protanopia

51.5307, -5.7206, 23.5744

Deuteranopia

51.2425, 3.7482, 19.9256



Tritanopia

51.8541, -20.4343, -9.6552

Trichromacy



Original Color

51.8172, -39.9146, 21.3970



Protanomaly

49.7260, -24.7719, 21.1581



Deuteranomaly

49.1530, -20.2405, 18.5332



Tritanomaly

51.3336, -29.2983, 3.7835

Monochromacy



Original Color

51.8172, -39.9146, 21.3970



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

41.2272, -20.2774, 8.4311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8172, -39.9146, 21.3970 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8172, -39.9146, 21.3970 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, 85) }
```


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

```
.border{ border-color:rgb(0, 163, 85) }
```

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, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.8172, -39.9146, 21.3970 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, 85) }
```

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

```
.background{ background-color: rgb(0, 163,  
85) }
```

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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