

Converting Colors

HunterLab(50.2472, -46.2654,
19.4607)

Have a look what the booklet for
HunterLab(50.2472, -46.2654,
19.4607) contains.

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Color

**HunterLab(51.8483,
-39.7219, 20.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	00A357
RGB	0, 163, 87
RGB Percent	0%, 64%, 34%
CMY	1.0000, 0.3608, 0.6588
CMYK	1.00, 0.00, 0.47, 0.36
HSL	152°, 100%, 32%
HSV	152°, 100%, 64%
XYZ	14.8175, 26.8825, 13.4247
YIQ	105.5990, -72.7520, -58.1920

Conversions

Conversions Part 2

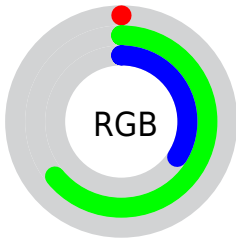
Format	Color
RYB	0, 106, 163
Decimal	41815
CIELab	58.87, -53.59, 29.54
CIElCh	59, 61.194, 151.142
Yxy	26.8835, 0.2688, 0.4877
Android (android.graphics.Color)	4278231895 (0xFF00A357)
YUV	105.5990, -9.1693, -92.6103
Hunter-Lab	51.8483, -39.7219, 20.9423

Details

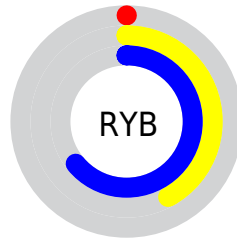
The HunterLab color **51.8483, -39.7219, 20.9423** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.8251, 51.1731, 4.5910**, and the grayscale version is **37.8671, -2.0205, 2.0574**.

A 20% lighter version of the original color is **73.9403, -46.9889, 25.4584**, and **33.6130, -27.2674, 16.8491** is the 20% darker color. If you saturate the color by 10%, you get **51.8492, -39.7229, 20.9434**, and if you desaturate by 10%, it is **52.0838, -38.4911, 19.2031**.

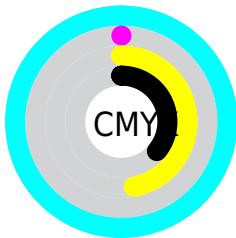
Distribution



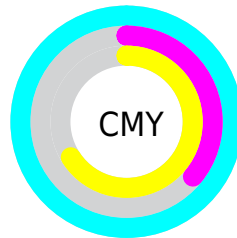
- Red (0%)
- Green (64%)
- Blue (34%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8483, -39.7219, 20.9423 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 51.8483, -39.7219, 20.9423 by changing the saturation by 10% instead.

■ 51.8483, -39.7219,
20.9423

■ 51.8483, -39.7219,
20.9423

169.4381,
-69.3090, 39.8995

■ 41.8160, -35.7102,
18.5125

■ 73.9574, -47.1037,
25.5007

■ 32.5291, -31.3977,
15.9382

■ 85.9543, -50.5563,
27.6718

■ 24.0544, -26.6802,
13.1695

■ 98.5377, -53.8882,
29.7907

■ 16.4787, -21.5062,
10.7822

■ 111.6815,
-57.1193, 31.8678

■ 9.9250, -17.3688,
6.9475

■ 125.3628,
-60.2656, 33.9114

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.5611,

-63.3394, 35.9278

0.0000, NaN, NaN

154.2584,
-66.3511, 37.9224

0.0000, NaN, NaN

■ 51.8483, -39.7219,
20.9423

■ 51.8483, -39.7219,
20.9423

■ 51.8492, -39.7229,
20.9434

■ 52.0838, -38.4911,
19.2031

■ 52.4172, -36.8329,
17.3761

■ 52.8843, -34.6154,
15.5053

■ 53.4978, -31.8072,
13.6183

■ 54.2660, -28.4000,
11.7415

■ 55.1941, -24.4047,
9.8998

■ 56.2846, -19.8477,
8.1156

■ 57.5374, -14.7672,
6.4086

■ 58.9506, -9.2098,
4.7951

Harmonies

Analogous

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



51.8493, -26.1948, 29.2708



51.8483, -39.7219, 20.9423



51.8493, -43.9169, 1.8649

Triad

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



51.8493, -39.7224, 20.9426



51.8493, -1.7686, -70.8982



51.8493, 47.3911, 21.8990

Complementary

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



51.8483, -39.7219, 20.9423



28.8251, 51.1731, 4.5910

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.



51.8493, 57.3506, 3.7618



51.8483, -39.7219, 20.9423



51.8493, 25.7323, -56.6920

Square

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



51.8493, -39.7224, 20.9426



51.8493, -24.7798, -58.5789



51.8493, 48.7424, -25.8128



51.8493, 23.6625, 29.6005

Rectangle

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



51.8483, -39.7219, 20.9423



51.8493, -41.6764, -17.4510



51.8493, 48.7424, -25.8128



51.8493, 52.6487, 17.2238

Sweetspot

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



51.8493, -39.7224, 20.9426



75.2341, -26.9218, 10.9919



52.6638, -37.6466, 31.7919



35.3669, -13.9525, 5.6592



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.



51.8493, -39.7224, 20.9426



69.3567, -53.3408, 28.4576



51.9149, -26.3320, -8.0455



28.2051, -4.1968, 2.2358



45.7186, -34.9558, 18.3151



6.6981, -4.6308, 1.6246

Inverse Universe

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



28.8251, 51.1731, 4.5910



38.5227, 68.2942, 6.8856



28.1157, 47.0695, 18.1484



26.7177, 1.3788, 0.8058



25.4287, 45.1777, 3.7932



3.8131, 7.0084, -1.2440

Previews

White Background



This preview shows how the HunterLab color 51.8483, -39.7219, 20.9423 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 51.8483, -39.7219, 20.9423 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 51.8483, -39.7219, 20.9423 Background



This preview shows how black text looks on a background with the HunterLab color 51.8483, -39.7219, 20.9423.



This preview shows how white text looks on a background with the HunterLab color 51.8483,

-39.7219, 20.9423.

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

51.8483, -39.7219, 20.9423

Protanopia

51.5585, -5.5666, 23.1663

Deuteranopia

51.5472, 3.4505, 19.6432



Tritanopia

51.8588, -20.3455, -10.1991

Trichromacy



Original Color

51.8483, -39.7219, 20.9423



Protanomaly

49.7561, -24.5933, 20.7167



Deuteranomaly

49.1877, -20.0384, 18.0281



Tritanomaly

51.3617, -29.1300, 3.3825

Monochromacy



Original Color

51.8483, -39.7219, 20.9423



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

41.5607, -20.5210, 8.4102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8483, -39.7219, 20.9423 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8483, -39.7219, 20.9423 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, 87) }
```


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

```
.border{ border-color:rgb(0, 163, 87) }
```

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, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.8483, -39.7219, 20.9423 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, 87) }
```

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

```
.background{ background-color: rgb(0, 163,  
87) }
```

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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