

Converting Colors

HunterLab(51.9516, -39.5719,
20.4893)

Have a look what the booklet for
HunterLab(51.9516, -39.5719,
20.4893) contains.

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Color

**HunterLab(51.8803,
-39.5241, 20.4754)**

Conversions

Conversions Part 1

Format	Color
Hex	00A359
RGB	0, 163, 89
RGB Percent	0%, 64%, 35%
CMY	1.0000, 0.3608, 0.6510
CMYK	1.00, 0.00, 0.45, 0.36
HSL	153°, 100%, 32%
HSV	153°, 100%, 64%
XYZ	14.9004, 26.9157, 13.8611
YIQ	105.8270, -73.3940, -57.5700

Conversions

Conversions Part 2

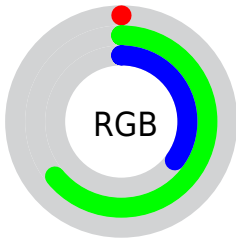
Format	Color
RYB	0, 105, 163
Decimal	41817
CIELab	58.90, -53.23, 28.52
CIELCh	59, 60.387, 151.816
Yxy	26.9167, 0.2676, 0.4834
Android (android.graphics.Color)	4278231897 (0xFF00A359)
YUV	105.8270, -8.2957, -92.8103
Hunter-Lab	51.8803, -39.5241, 20.4754

Details

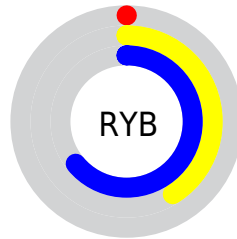
The HunterLab color **51.8803, -39.5241, 20.4754** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.7777, 50.9994, 5.2745**, and the grayscale version is **37.9508, -2.0250, 2.0619**.

A 20% lighter version of the original color is **73.9462, -46.8860, 24.8510**, and **33.6333, -27.1412, 16.5514** is the 20% darker color. If you saturate the color by 10%, you get **51.8812, -39.5252, 20.4766**, and if you desaturate by 10%, it is **52.1155, -38.2962, 18.7423**.

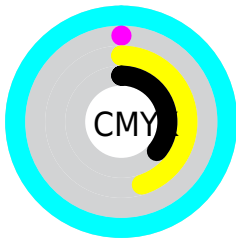
Distribution



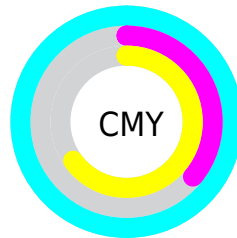
- Red (0%)
- Green (64%)
- Blue (35%)



- Red (0%)
- Yellow (41%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8803, -39.5241, 20.4754 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 51.8803, -39.5241, 20.4754 by changing the saturation by 10% instead.

■ 51.8803, -39.5241,
20.4754

■ 51.8803, -39.5241,
20.4754

169.4856,
-68.9358, 38.9616

■ 41.8458, -35.5394,
18.1173

■ 73.9934, -46.8583,
24.9065

■ 32.5565, -31.2569,
15.6217

■ 85.9921, -50.2895,
27.0203

■ 24.0792, -26.5732,
12.9397

■ 98.5773, -53.6013,
29.0853

■ 16.5006, -21.4218,
10.5304

■ 111.7228,
-56.8135, 31.1114

■ 9.9435, -17.4011,
6.9604

■ 125.4057,
-59.9418, 33.1065

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.6056,

-62.9984, 35.0767

0.0000, NaN, NaN

154.3044,
-65.9937, 37.0271

0.0000, NaN, NaN

■ 51.8803, -39.5241,
20.4754

■ 51.8803, -39.5241,
20.4754

■ 51.8812, -39.5252,
20.4766

■ 52.1155, -38.2962,
18.7423

■ 52.4479, -36.6451,
16.9306

■ 52.9134, -34.4390,
15.0849

■ 53.5246, -31.6465,
13.2327

■ 54.2898, -28.2589,
11.4001

■ 55.2143, -24.2868,
9.6115

■ 56.3005, -19.7560,
7.8888

■ 57.5486, -14.7042,
6.2509

■ 58.9565, -9.1773,
4.7132

Harmonies

Analogous

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



51.8813, -26.3274, 28.9869



51.8803, -39.5241, 20.4754



51.8813, -43.4852, 1.3132

Triad

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



51.8813, -39.5246, 20.4757



51.8813, -1.1968, -69.5096



51.8813, 46.2261, 21.9900

Complementary

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



51.8803, -39.5241, 20.4754



28.7777, 50.9994, 5.2745

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.



51.8813, 56.4030, 4.2908



51.8803, -39.5241, 20.4754



51.8813, 25.9210, -55.0703

Square

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



51.8813, -39.5246, 20.4757



51.8813, -24.0998, -58.0081



51.8813, 48.3388, -24.6308



51.8813, 22.6799, 29.5143

Rectangle

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



51.8803, -39.5241, 20.4754



51.8813, -41.1251, -17.8475



51.8813, 48.3388, -24.6308



51.8813, 51.5095, 17.4267

Sweetspot

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



51.8813, -39.5246, 20.4757



75.2556, -26.7977, 10.6838



52.6639, -37.6464, 31.7919



35.3782, -13.8868, 5.4971



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.



51.8813, -39.5246, 20.4757



69.3995, -53.0762, 27.8330



51.9150, -26.3320, -8.0454



28.2076, -4.1827, 2.1995



45.7468, -34.7815, 17.9038



6.7017, -4.6089, 1.5729

Inverse Universe

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



28.7777, 50.9994, 5.2745



38.4594, 68.0632, 7.7961



28.1158, 47.0694, 18.1483



26.7151, 1.3645, 0.8436



25.3866, 45.0243, 4.3973



3.8068, 6.9858, -1.1565

Previews

White Background



This preview shows how the HunterLab color 51.8803, -39.5241, 20.4754 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 51.8803, -39.5241, 20.4754 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 51.8803, -39.5241, 20.4754 Background



This preview shows how black text looks on a background with the HunterLab color 51.8803, -39.5241, 20.4754.



This preview shows how white text looks on a background with the HunterLab color 51.8803,

-39.5241, 20.4754.

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

51.8803, -39.5241, 20.4754

Protanopia

51.5872, -5.4080, 22.7462

Deuteranopia

51.4755, 3.2804, 19.0301



Tritanopia

51.8588, -20.3455, -10.1991

Trichromacy



Original Color

51.8803, -39.5241, 20.4754



Protanomaly

49.7872, -24.4096, 20.2629



Deuteranomaly

49.1599, -20.0739, 17.4507



Tritanomaly

51.3900, -28.9603, 2.9783

Monochromacy



Original Color

51.8803, -39.5241, 20.4754



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

41.5838, -20.3840, 8.0767

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8803, -39.5241, 20.4754 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8803, -39.5241, 20.4754 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, 89) }
```


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

```
.border{ border-color:rgb(0, 163, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.8803, -39.5241, 20.4754 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, 89) }
```

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

```
.background{ background-color: rgb(0, 163,  
89) }
```

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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