

Converting Colors

HunterLab(50.8393, -41.6662,
19.4658)

Have a look what the booklet for
HunterLab(50.8393, -41.6662,
19.4658) contains.

HunterLab(51.5383, -39.1979, 20.1987)	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(51.5383,
-39.1979, 20.1987)**

Conversions

Conversions Part 1

Format	Color
Hex	00A259
RGB	0, 162, 89
RGB Percent	0%, 64%, 35%
CMY	1.0000, 0.3647, 0.6510
CMYK	1.00, 0.00, 0.45, 0.36
HSL	153°, 100%, 32%
HSV	153°, 100%, 64%
XYZ	14.7235, 26.5620, 13.8022
YIQ	105.2400, -73.1190, -57.0470

Conversions

Conversions Part 2

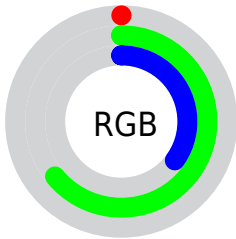
Format	Color
RYB	0, 105, 162
Decimal	41561
CIELab	58.57, -52.88, 28.10
CIELCh	59, 59.878, 152.016
Yxy	26.5630, 0.2673, 0.4822
Android (android.graphics.Color)	4278231641 (0xFF00A259)
YUV	105.2400, -8.0063, -92.2955
Hunter-Lab	51.5383, -39.1979, 20.1987

Details

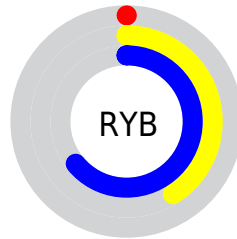
The HunterLab color **51.5383, -39.1979, 20.1987** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.5710, 50.6111, 5.4074**, and the grayscale version is **37.7270, -2.0130, 2.0498**.

A 20% lighter version of the original color is **73.5935, -46.5045, 24.5451**, and **33.3233, -26.7839, 16.1674** is the 20% darker color. If you saturate the color by 10%, you get **51.5392, -39.1990, 20.1999**, and if you desaturate by 10%, it is **51.7724, -37.9768, 18.4800**.

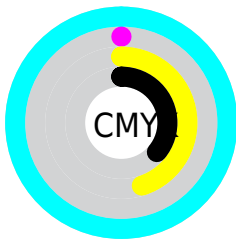
Distribution



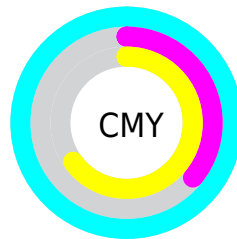
- Red (0%)
- Green (64%)
- Blue (35%)



- 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 51.5383, -39.1979, 20.1987 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 51.5383, -39.1979, 20.1987 by changing the saturation by 10% instead.

■ 51.5383, -39.1979,
20.1987

■ 51.5383, -39.1979,
20.1987

168.9778,
-68.4769, 38.5005

■ 41.5275, -35.2296,
17.8666

■ 73.6083, -46.4998,
24.5819

■ 32.2638, -30.9633,
15.3985

■ 85.5873, -49.9156,
26.6736

■ 23.8146, -26.2949,
12.7456

■ 98.1536, -53.2122,
28.7175

■ 16.2674, -21.1938,
10.3890

■ 111.2810,
-56.4097, 30.7235

■ 9.7467, -17.0568,
6.8227

■ 124.9465,
-59.5236, 32.6992

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.1297,

-62.5663, 34.6509

0.0000, NaN, NaN

153.8123,
-65.5480, 36.5833

0.0000, NaN, NaN

■ 51.5383, -39.1979,
20.1987

■ 51.5383, -39.1979,
20.1987

■ 51.5392, -39.1990,
20.1999

■ 51.7724, -37.9768,
18.4800

■ 52.1026, -36.3376,
16.6859

■ 52.5648, -34.1487,
14.8607

■ 53.1713, -31.3790,
13.0317

■ 53.9306, -28.0199,
11.2249

■ 54.8477, -24.0818,
9.4641

■ 55.9252, -19.5902,
7.7709

■ 57.1631, -14.5823,
6.1640

■ 58.5594, -9.1036,
4.6582

Harmonies

Analogous

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



51.5393, -26.1870, 28.7060



51.5383, -39.1979, 20.1987



51.5393, -43.0637, 1.1428

Triad

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



51.5393, -39.1984, 20.1990



51.5393, -1.0220, -68.6344



51.5393, 45.5738, 21.8671

Complementary

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



51.5383, -39.1979, 20.1987



28.5710, 50.6111, 5.4074

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.



51.5393, 55.7442, 4.4145



51.5383, -39.1979, 20.1987



51.5393, 25.7994, -54.2271

Square

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



51.5393, -39.1984, 20.1990



51.5393, -23.7374, -57.4473



51.5393, 47.8925, -24.1221



51.5393, 22.2408, 29.2888

Rectangle

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



51.5383, -39.1979, 20.1987



51.5393, -40.6845, -17.8416



51.5393, 47.8925, -24.1221



51.5393, 50.8288, 17.3671

Sweetspot

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



51.5393, -39.1984, 20.1990



75.2615, -26.7635, 10.5988



52.3088, -37.3846, 31.5777



35.3813, -13.8687, 5.4523



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.



51.5393, -39.1984, 20.1990



69.4114, -53.0023, 27.6584



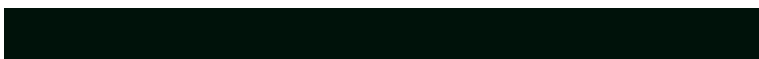
51.5642, -26.1546, -7.9898



28.2083, -4.1788, 2.1895



45.7547, -34.7329, 17.7889



6.7026, -4.6029, 1.5587

Inverse Universe

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



28.5710, 50.6111, 5.4074



38.4424, 68.0009, 8.0416



27.9269, 46.7452, 18.0262



26.7143, 1.3606, 0.8540



25.3753, 44.9829, 4.5603



3.8051, 6.9796, -1.1324

Previews

White Background



This preview shows how the HunterLab color 51.5383, -39.1979, 20.1987 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 51.5383, -39.1979, 20.1987 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 51.5383, -39.1979, 20.1987 Background



This preview shows how black text looks on a background with the HunterLab color 51.5383, -39.1979, 20.1987.



This preview shows how white text looks on a background with the HunterLab color 51.5383,

-39.1979, 20.1987.

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

51.5383, -39.1979, 20.1987

Protanopia

51.2057, -5.2862, 22.4466

Deuteranopia

51.0982, 3.4043, 18.7056



Tritanopia

51.5051, -20.1320, -10.1445

Trichromacy



Original Color

51.5383, -39.1979, 20.1987



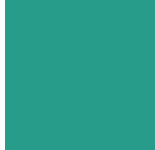
Protanomaly

49.4131, -24.2416, 19.9597



Deuteranomaly

48.7863, -19.9091, 17.1278



Tritanomaly

51.0326, -28.7516, 3.0073

Monochromacy



Original Color

51.5383, -39.1979, 20.1987



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

41.2503, -20.1411, 8.0989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5383, -39.1979, 20.1987 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, 162, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 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, 162, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5383, -39.1979, 20.1987 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, 162, 89) }
```


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

```
.border{ border-color:rgb(0, 162, 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, 162, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.5383, -39.1979, 20.1987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 89) }
```

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

```
.background{ background-color: rgb(0, 162,  
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](#).

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