

Converting Colors

HunterLab(48.9836, -49.7099,
19.2610)

Have a look what the booklet for
HunterLab(48.9836, -49.7099,
19.2610) contains.

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Color

**HunterLab(51.4595,
-39.6858, 21.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	00A254
RGB	0, 162, 84
RGB Percent	0%, 64%, 33%
CMY	1.0000, 0.3647, 0.6706
CMYK	1.00, 0.00, 0.48, 0.36
HSL	151°, 100%, 32%
HSV	151°, 100%, 64%
XYZ	14.5206, 26.4808, 12.7335
YIQ	104.6700, -71.5140, -58.6020

Conversions

Conversions Part 2

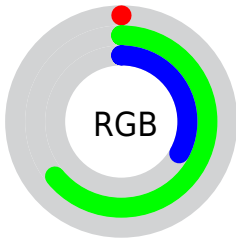
Format	Color
RYB	0, 107, 162
Decimal	41556
CIELab	58.49, -53.79, 30.63
CIELCh	58, 61.897, 150.343
Yxy	26.4819, 0.2702, 0.4928
Android (android.graphics.Color)	4278231636 (0xFF00A254)
YUV	104.6700, -10.1903, -91.7956
Hunter-Lab	51.4595, -39.6858, 21.3505

Details

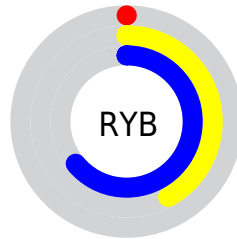
The HunterLab color **51.4595, -39.6858, 21.3505** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.6916, 51.0511, 3.6752**, and the grayscale version is **37.5186, -2.0019, 2.0385**.

A 20% lighter version of the original color is **73.4955, -47.0987, 25.9718**, and **33.2636, -27.1565, 17.0464** is the 20% darker color. If you saturate the color by 10%, you get **51.4604, -39.6870, 21.3517**, and if you desaturate by 10%, it is **51.6943, -38.4584, 19.6193**.

Distribution



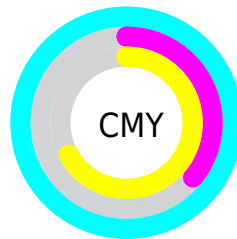
- Red (0%)
- Green (64%)
- Blue (33%)



- 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 51.4595, -39.6858, 21.3505 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 51.4595, -39.6858, 21.3505 by changing the saturation by 10% instead.

■ 51.4595, -39.6858,
21.3505

■ 51.4595, -39.6858,
21.3505

168.8608,
-69.4000, 40.8323

■ 41.4542, -35.6504,
18.8386

■ 73.5196, -47.1060,
26.0529

■ 32.1964, -31.3095,
16.1734

■ 85.4939, -50.5746,
28.2882

■ 23.7537, -26.5570,
13.3031

■ 98.0559, -53.9210,
30.4671

■ 16.2138, -21.4090,
11.0289

■ 111.1791,
-57.1655, 32.6008

■ 9.7015, -16.9777,
6.7911

■ 124.8406,
-60.3241, 34.6980

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.0199,

-63.4094, 36.7654

0.0000, NaN, NaN

153.6988,
-66.4319, 38.8086

0.0000, NaN, NaN

■ 51.4595, -39.6858,
21.3505

■ 51.4595, -39.6858,
21.3505

■ 51.4604, -39.6870,
21.3517

■ 51.6943, -38.4584,
19.6193

■ 52.0267, -36.8024,
17.7890

■ 52.4929, -34.5857,
15.9033

■ 53.1051, -31.7774,
13.9893

■ 53.8717, -28.3698,
12.0736

■ 54.7979, -24.3742,
10.1813

■ 55.8859, -19.8175,
8.3357

■ 57.1356, -14.7382,
6.5570

■ 58.5452, -9.1832,
4.8622

Harmonies

Analogous

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



51.4605, -25.8524, 29.4029



51.4595, -39.6858, 21.3505



51.4605, -44.1321, 2.5131

Triad

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



51.4605, -39.6863, 21.3508



51.4605, -2.4463, -72.0963



51.4605, 48.4791, 21.6374

Complementary

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



51.4595, -39.6858, 21.3505



28.6916, 51.0511, 3.6752

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.



51.4605, 58.1017, 3.0875



51.4595, -39.6858, 21.3505



51.4605, 25.3233, -58.2829

Square

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



51.4605, -39.6863, 21.3508



51.4605, -25.4254, -58.8599



51.4605, 48.8902, -27.0839



51.4605, 24.6947, 29.5004

Rectangle

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



51.4595, -39.6858, 21.3505



51.4605, -42.0499, -16.8500



51.4605, 48.8902, -27.0839



51.4605, 53.6676, 16.8574

Sweetspot

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



51.4605, -39.6863, 21.3508



75.2076, -27.0750, 11.3724



52.4160, -36.9414, 31.6515



35.3530, -14.0335, 5.8593



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.



51.4605, -39.6863, 21.3508



69.3053, -53.6594, 29.2096



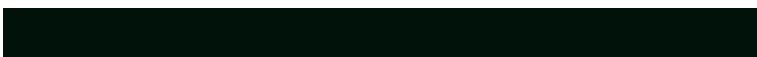
52.4494, -27.2186, -6.7995



28.2019, -4.2144, 2.2808



45.6847, -35.1659, 18.8112



6.6936, -4.6580, 1.6889

Inverse Universe

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



28.6916, 51.0511, 3.6752



38.6039, 68.5907, 5.7179



27.8218, 47.1025, 17.9677



26.7210, 1.3965, 0.7588



25.4826, 45.3743, 3.0201



3.8209, 7.0363, -1.3522

Previews

White Background



This preview shows how the HunterLab color 51.4595, -39.6858, 21.3505 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 51.4595, -39.6858, 21.3505 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 51.4595, -39.6858, 21.3505 Background



This preview shows how black text looks on a background with the HunterLab color 51.4595, -39.6858, 21.3505.



This preview shows how white text looks on a background with the HunterLab color 51.4595,

-39.6858, 21.3505.

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

51.4595, -39.6858, 21.3505

Protanopia

51.1351, -5.6769, 23.4819

Deuteranopia

51.1179, 3.2960, 20.0765



Tritanopia

51.4696, -20.3385, -9.6468

Trichromacy



Original Color

51.4595, -39.6858, 21.3505



Protanomaly

49.3366, -24.6948, 21.0792



Deuteranomaly

48.7616, -20.1797, 18.4674



Tritanomaly

50.9763, -29.0888, 3.8108

Monochromacy



Original Color

51.4595, -39.6858, 21.3505



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

41.2045, -20.4122, 8.7595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4595, -39.6858, 21.3505 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4595, -39.6858, 21.3505 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, 84) }
```


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

```
.border{ border-color:rgb(0, 162, 84) }
```

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, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.4595, -39.6858, 21.3505 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, 84) }
```

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

```
.background{ background-color: rgb(0, 162,  
84) }
```

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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