

Converting Colors

HunterLab(51.9672, -43.9074,
29.8309)

Have a look what the booklet for
HunterLab(51.9672, -43.9074,
29.8309) contains.

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Color

**HunterLab(51.9654,
-43.9163, 29.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	00A51E
RGB	0, 165, 30
RGB Percent	0%, 65%, 12%
CMY	1.0000, 0.3529, 0.8823
CMYK	1.00, 0.00, 0.82, 0.35
HSL	131°, 100%, 32%
HSV	131°, 100%, 65%
XYZ	13.6895, 27.0040, 5.7191
YIQ	100.2750, -55.0050, -76.9650

Conversions

Conversions Part 2

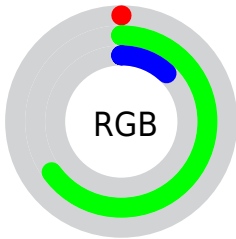
Format	Color
RYB	0, 140, 165
Decimal	42270
CIELab	58.98, -61.09, 54.37
CIELCh	59, 81.781, 138.330
Yxy	27.0051, 0.2950, 0.5818
Android (android.graphics.Color)	4278232350 (0xFF00A51E)
YUV	100.2750, -34.6456, -87.9412
Hunter-Lab	51.9654, -43.9163, 29.8506

Details

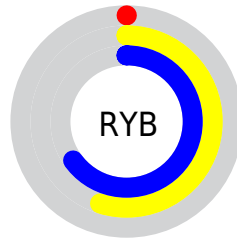
The HunterLab color **51.9654, -43.9163, 29.8506** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **31.2234, 59.0727, -23.2520**, and the grayscale version is **35.9440, -1.9179, 1.9529**.

A 20% lighter version of the original color is **73.9785, -52.0313, 37.4478**, and **33.7178, -28.9130, 20.2706** is the 20% darker color. If you saturate the color by 10%, you get **51.9664, -43.9171, 29.8510**, and if you desaturate by 10%, it is **52.1576, -42.9408, 28.7338**.

Distribution



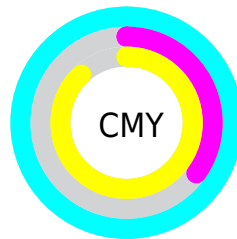
- Red (0%)
- Green (65%)
- Blue (12%)



- Red (0%)
- Yellow (55%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9654, -43.9163, 29.8506 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 51.9654, -43.9163, 29.8506 by changing the saturation by 10% instead.

■ 51.9654, -43.9163,
29.8506

■ 51.9654, -43.9163,
29.8506

169.6119,
-77.0329, 60.7845

■ 41.9250, -39.3688,
25.6574

■ 74.0892, -52.2489,
37.6070

■ 32.6294, -34.4669,
21.2102

■ 86.0929, -56.1299,
41.2338

■ 24.1451, -29.0930,
16.9016

■ 98.6828, -59.8653,
44.7273

■ 16.5587, -23.5261,
11.5911

■ 111.8328,
-63.4786, 48.1077

■ 9.9926, -17.4870,
6.9948

■ 125.5199,
-66.9886, 51.3912

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.7240,

-70.4099, 54.5913

0.0000, NaN, NaN

154.4268,
-73.7547, 57.7193

0.0000, NaN, NaN

■ 51.9654, -43.9163,
29.8506

■ 51.9654, -43.9163,
29.8506

■ 51.9664, -43.9171,
29.8510

■ 52.1576, -42.9408,
28.7338

■ 52.4692, -41.3980,
27.2316

■ 52.9392, -39.1389,
25.3520

■ 53.5817, -36.1247,
23.1019

■ 54.4063, -32.3471,
20.4990

■ 55.4185, -27.8243,
17.5702

■ 56.6203, -22.5955,
14.3497

■ 58.0108, -16.7159,
10.8761

■ 59.5864, -10.2511,
7.1902

Harmonies

Analogous

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



51.9665, -22.1943, 34.2378



51.9654, -43.9163, 29.8506



51.9665, -53.4208, 14.1293

Triad

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



51.9665, -43.9170, 29.8508



51.9665, -15.6323, -106.1327



51.9665, 77.2422, 19.1328

Complementary

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



51.9654, -43.9163, 29.8506



31.2234, 59.0727, -23.2520

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.



51.9665, 80.3570, -11.7676



51.9654, -43.9163, 29.8506



51.9665, 19.9935, -101.1694

Square

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



51.9665, -43.9170, 29.8508



51.9665, -40.2070, -70.7471



51.9665, 57.2670, -59.7998



51.9665, 49.6279, 31.4541

Rectangle

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



51.9654, -43.9163, 29.8506



51.9665, -53.8026, -7.2671



51.9665, 57.2670, -59.7998



51.9665, 81.4137, 11.2335

Sweetspot

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



51.9665, -43.9170, 29.8508



75.6757, -30.6474, 19.4502



56.8088, -24.4604, 34.5770



35.0720, -15.6761, 9.9146



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.



51.9665, -43.9170, 29.8508



69.5274, -58.8693, 40.1788



52.9502, -37.8140, 15.4466



28.1338, -4.5947, 3.2559



45.2045, -38.1585, 25.8717



6.5945, -5.2697, 3.1333

Inverse Universe

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



31.2234, 59.0727, -23.2520



41.7508, 78.9362, -30.6702



28.7673, 50.2232, 11.1553



26.7955, 1.7961, -0.3002



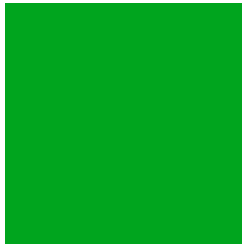
27.1691, 51.4229, -20.3899



4.0066, 7.6943, -3.8674

Previews

White Background



This preview shows how the HunterLab color 51.9654, -43.9163, 29.8506 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 51.9654, -43.9163, 29.8506 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 51.9654, -43.9163, 29.8506 Background



This preview shows how black text looks on a background with the HunterLab color 51.9654, -43.9163, 29.8506.



This preview shows how white text looks on a background with the HunterLab color 51.9654, -43.9163, 29.8506.

-43.9163, 29.8506.

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

51.9654, -43.9163, 29.8506

Protanopia

51.4652, -6.8655, 30.5969

Deuteranopia

51.5699, 3.7265, 28.8707



Tritanopia

52.0861, -19.5506, -9.3131

Trichromacy



Original Color

51.9654, -43.9163, 29.8506



Protanomaly

49.6528, -27.7206, 28.9435



Deuteranomaly

48.9027, -22.3655, 27.3082



Tritanomaly

51.2577, -32.3234, 11.5520

Monochromacy



Original Color

51.9654, -43.9163, 29.8506



Achromatopsia

35.6984, -1.9048, 1.9396



Achromatomaly

40.0166, -22.7819, 14.3965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9654, -43.9163, 29.8506 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, 165, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 30)  
}
```

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, 165, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9654, -43.9163, 29.8506 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, 165, 30) }
```


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

```
.border{ border-color:rgb(0, 165, 30) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 165, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 165, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.9654, -43.9163, 29.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 30) }
```

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

```
.background{ background-color: rgb(0, 165,  
30) }
```

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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