

Converting Colors

HunterLab(52.7247, -43.7459,
28.5335)

Have a look what the booklet for
HunterLab(52.7247, -43.7459,
28.5335) contains.

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Color

**HunterLab(52.7739,
-43.8100, 28.6105)**

Conversions

Conversions Part 1

Format	Color
Hex	00A730
RGB	0, 167, 48
RGB Percent	0%, 65%, 19%
CMY	1.0000, 0.3451, 0.8117
CMYK	1.00, 0.00, 0.71, 0.35
HSL	137°, 100%, 33%
HSV	137°, 100%, 65%
XYZ	14.3522, 27.8508, 7.4156
YIQ	103.5010, -61.3330, -72.4130

Conversions

Conversions Part 2

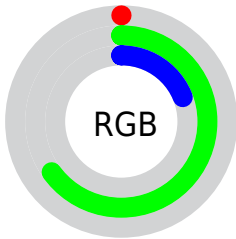
Format	Color
RYB	0, 130, 167
Decimal	42800
CIELab	59.75, -60.27, 48.93
CIELCh	60, 77.634, 140.927
Yxy	27.8520, 0.2892, 0.5613
Android (android.graphics.Color)	4278232880 (0xFF00A730)
YUV	103.5010, -27.3620, -90.7704
Hunter-Lab	52.7739, -43.8100, 28.6105

Details

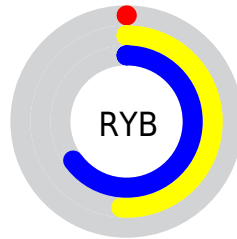
The HunterLab color **52.7739, -43.8100, 28.6105** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **30.8996, 57.2264, -13.4476**, and the grayscale version is **37.1357, -1.9815, 2.0177**.

A 20% lighter version of the original color is **74.8266, -51.8662, 35.4443**, and **34.3661, -29.4689, 20.6603** is the 20% darker color. If you saturate the color by 10%, you get **52.7749, -43.8109, 28.6110**, and if you desaturate by 10%, it is **52.9908, -42.6837, 27.1371**.

Distribution



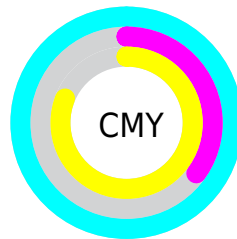
- Red (0%)
- Green (65%)
- Blue (19%)



- Red (0%)
- Yellow (51%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7739, -43.8100, 28.6105 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 52.7739, -43.8100, 28.6105 by changing the saturation by 10% instead.

■ 52.7739, -43.8100,
28.6105

■ 52.7739, -43.8100,
28.6105

170.8095,
-76.4497, 56.7953

■ 42.6780, -39.3451,
24.8158

■ 74.9987, -52.0044,
35.6345

■ 33.3224, -34.5391,
20.7800

■ 87.0489, -55.8260,
38.9264

■ 24.7724, -29.2793,
16.9445

■ 99.6831, -59.5067,
42.1036

■ 17.1125, -23.6117,
11.9788

■ 112.8755,
-63.0694, 45.1841

■ 10.4616, -18.3079,
7.3232

■ 126.6035,
-66.5320, 48.1826

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.8469,

-69.9088, 51.1110

0.0000, NaN, NaN

155.5876,
-73.2115, 53.9792

0.0000, NaN, NaN

■ 52.7739, -43.8100,
28.6105

■ 52.7739, -43.8100,
28.6105

■ 52.7749, -43.8109,
28.6110

■ 52.9908, -42.6837,
27.1371

■ 53.3235, -41.0188,
25.3598

■ 53.8096, -38.6743,
23.3052

■ 54.4630, -35.6154,
20.9929

■ 55.2927, -31.8359,
18.4485

■ 56.3038, -27.3533,
15.7024

■ 57.4986, -22.2044,
12.7880

■ 58.8761, -16.4405,
9.7399

■ 60.4332, -10.1224,
6.5923

Harmonies

Analogous

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



52.7750, -23.7472, 33.9439



52.7739, -43.8100, 28.6105



52.7750, -52.2361, 11.5831

Triad

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



52.7750, -43.8107, 28.6107



52.7750, -12.5170, -99.2211



52.7750, 71.0603, 20.2911

Complementary

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



52.7739, -43.8100, 28.6105



30.8996, 57.2264, -13.4476

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.



52.7750, 76.2115, -7.6337



52.7739, -43.8100, 28.6105



52.7750, 21.9838, -91.2059

Square

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



52.7750, -43.8107, 28.6107



52.7750, -37.3419, -69.4034



52.7750, 56.4762, -51.5583



52.7750, 43.7695, 31.6208

Rectangle

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



52.7739, -43.8100, 28.6105



52.7750, -52.0256, -9.9894



52.7750, 56.4762, -51.5583



52.7750, 75.6651, 13.1398

Sweetspot

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



52.7750, -43.8107, 28.6107



76.8530, -30.1121, 17.3309



56.2221, -30.0596, 34.1174



36.0376, -15.6065, 8.9561



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.7750, -43.8107, 28.6107



70.6031, -58.7668, 38.6129



54.1039, -35.6135, 9.2543



29.0549, -4.6337, 3.0551



46.1728, -38.2722, 24.9067



7.2622, -5.5956, 3.0023

Inverse Universe

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



30.8996, 57.2264, -13.4476



41.3056, 76.4216, -17.3748



28.8867, 49.9136, 15.2172



27.6212, 1.7377, 0.0303



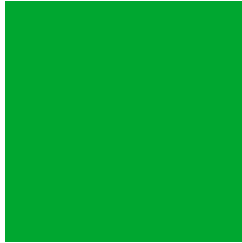
27.0454, 50.1167, -11.9862



4.3143, 8.1575, -3.1741

Previews

White Background



This preview shows how the HunterLab color 52.7739, -43.8100, 28.6105 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 52.7739, -43.8100, 28.6105 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 52.7739, -43.8100, 28.6105 Background



This preview shows how black text looks on a background with the HunterLab color 52.7739, -43.8100, 28.6105.



This preview shows how white text looks on a background with the HunterLab color 52.7739, -43.8100, 28.6105.

-43.8100, 28.6105.

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

52.7739, -43.8100, 28.6105

Protanopia

52.2357, -6.8791, 29.5806

Deuteranopia

52.3346, 3.7575, 27.6265



Tritanopia

52.7925, -19.9157, -9.9741

Trichromacy



Original Color

52.7739, -43.8100, 28.6105



Protanomaly

50.4610, -27.5968, 27.8109



Deuteranomaly

49.6528, -22.4226, 25.8873



Tritanomaly

52.0921, -31.9877, 9.4560

Monochromacy



Original Color

52.7739, -43.8100, 28.6105



Achromatopsia

37.2064, -1.9852, 2.0215



Achromatomaly

41.2033, -22.5613, 12.9250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.7739, -43.8100, 28.6105 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, 167, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 48)  
}
```

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, 167, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 52.7739, -43.8100, 28.6105 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, 167, 48) }
```


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

```
.border{ border-color:rgb(0, 167, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.7739, -43.8100, 28.6105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 48) }
```

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

```
.background{ background-color: rgb(0, 167,  
48) }
```

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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