

Converting Colors

HunterLab(53.0486, -45.3217,
31.5325)

Have a look what the booklet for
HunterLab(53.0486, -45.3217,
31.5325) contains.

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Color

**HunterLab(52.9428,
-45.2355, 31.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	00A80B
RGB	0, 168, 11
RGB Percent	0%, 66%, 4%
CMY	1.0000, 0.3412, 0.9568
CMYK	1.00, 0.00, 0.93, 0.34
HSL	124°, 100%, 33%
HSV	124°, 100%, 66%
XYZ	14.0630, 28.0294, 4.9856
YIQ	99.8700, -49.7310, -84.4430

Conversions

Conversions Part 2

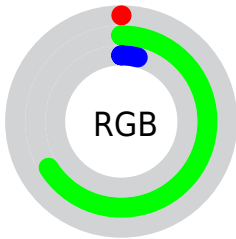
Format	Color
RYB	0, 158, 168
Decimal	43019
CIELab	59.92, -62.77, 59.34
CIELCh	60, 86.374, 136.610
Yxy	28.0306, 0.2987, 0.5954
Android (android.graphics.Color)	4278233099 (0xFF00A80B)
YUV	99.8700, -43.8129, -87.5860
Hunter-Lab	52.9428, -45.2355, 31.4766

Details

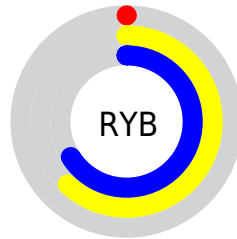
The HunterLab color **52.9428, -45.2355, 31.4766** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **32.8011, 63.5928, -36.3238**, and the grayscale version is **35.8238, -1.9115, 1.9464**.

A 20% lighter version of the original color is **75.3432, -53.9505, 39.9564**, and **34.6910, -29.7475, 20.8556** is the 20% darker color. If you saturate the color by 10%, you get **52.9439, -45.2362, 31.4768**, and if you desaturate by 10%, it is **53.1051, -44.4466, 30.8066**.

Distribution



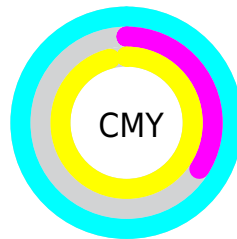
- Red (0%)
- Green (66%)
- Blue (4%)



- Red (0%)
- Yellow (62%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9428, -45.2355, 31.4766 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 52.9428, -45.2355, 31.4766 by changing the saturation by 10% instead.

■ 52.9428, -45.2355,
31.4766

■ 52.9428, -45.2355,
31.4766

171.0593,
-79.0409, 64.7605

■ 42.8354, -40.5958,
26.9665

■ 75.1886, -53.7420,
39.8361

■ 33.4673, -35.5988,
22.2523

■ 87.2484, -57.7048,
43.7456

■ 24.9037, -30.1282,
17.4326

■ 99.8918, -61.5188,
47.5095

■ 17.2286, -24.3130,
12.0601

■ 113.0931,
-65.2080, 51.1486

■ 10.5602, -18.4804,
7.3922

■ 126.8296,
-68.7910, 54.6800

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 141.0811,

-72.2830, 58.1180

0.0000, NaN, NaN

155.8298,
-75.6963, 61.4749

0.0000, NaN, NaN

■ 52.9428, -45.2355,
31.4766

■ 52.9428, -45.2355,
31.4766

■ 52.9439, -45.2362,
31.4768

■ 53.1051, -44.4466,
30.8066

■ 53.3946, -43.0438,
29.6724

■ 53.8529, -40.8611,
28.0450

■ 54.4965, -37.8474,
25.9058

■ 55.3364, -33.9880,
23.2560

■ 56.3790, -29.2994,
20.1138

■ 57.6267, -23.8235,
16.5117

■ 59.0785, -17.6213,
12.4923

■ 60.7307, -10.7663,
8.1044

Harmonies

Analogous

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



52.9439, -21.6648, 35.3624



52.9428, -45.2355, 31.4766



52.9439, -55.7763, 16.2789

Triad

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



52.9439, -45.2362, 31.4768



52.9439, -18.3137, -114.2413



52.9439, 84.0289, 18.8046

Complementary

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



52.9428, -45.2355, 31.4766



32.8011, 63.5928, -36.3238

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.



52.9439, 85.6576, -15.3045



52.9428, -45.2355, 31.4766



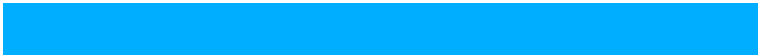
52.9439, 19.0775, -111.6041

Square

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



52.9439, -45.2362, 31.4768



52.9439, -43.3664, -73.6374



52.9439, 59.4105, -67.8565



52.9439, 55.4317, 32.2422

Rectangle

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



52.9428, -45.2355, 31.4766



52.9439, -56.5774, -5.5132



52.9439, 59.4105, -67.8565



52.9439, 87.9750, 10.0938

Sweetspot

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



52.9439, -45.2362, 31.4768



77.5270, -32.5246, 22.5249



59.5307, -18.9594, 36.3506



35.8651, -16.6196, 11.4564



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.



52.9439, -45.2362, 31.4768



71.3109, -60.9852, 42.5171



53.6527, -40.8187, 21.0548



29.0094, -4.8885, 3.7082



46.0105, -39.2892, 27.3049



7.1936, -6.0230, 4.0107

Inverse Universe

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



32.8011, 63.5928, -36.3238



44.1709, 85.6142, -48.7448



29.7346, 52.6575, 5.7547



27.6731, 2.0158, -0.7068



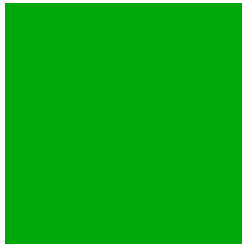
28.5087, 55.2791, -31.6325



4.4742, 8.7178, -5.2918

Previews

White Background



This preview shows how the HunterLab color 52.9428, -45.2355, 31.4766 looks on a white background.

Color Contrast Check

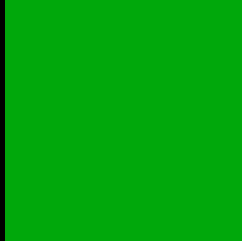
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9428, -45.2355, 31.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

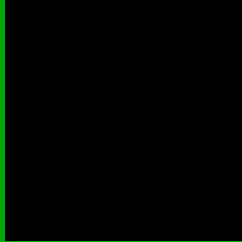
Any Text WCAG AA ✓ Pass

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 52.9428, -45.2355, 31.4766 Background



This preview shows how black text looks on a background with the HunterLab color 52.9428, -45.2355, 31.4766.



This preview shows how white text looks on a background with the HunterLab color 52.9428, -45.2355, 31.4766.

-45.2355, 31.4766.

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

52.9428, -45.2355, 31.4766

Protanopia

52.5622, -7.5140, 32.2571

Deuteranopia

52.3942, 3.6219, 30.2734



Tritanopia

52.8617, -19.6526, -9.8716

Trichromacy



Original Color

52.9428, -45.2355, 31.4766



Protanomaly

50.6703, -28.7624, 30.5849



Deuteranomaly

49.9084, -23.4277, 29.0381



Tritanomaly

51.8357, -33.6261, 13.8185

Monochromacy



Original Color

52.9428, -45.2355, 31.4766



Achromatopsia

35.6984, -1.9048, 1.9396



Achromatomaly

40.2176, -23.8165, 16.3026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9428, -45.2355, 31.4766 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, 168, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 11)  
}
```

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, 168, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9428, -45.2355, 31.4766 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, 168, 11) }
```


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

```
.border{ border-color:rgb(0, 168, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 11);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.9428, -45.2355, 31.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 11) }
```

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

```
.background{ background-color: rgb(0, 168,  
11) }
```

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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