

Converting Colors

HunterLab(51.0278, -51.9463,
33.4310)

Have a look what the booklet for
HunterLab(51.0278, -51.9463,
33.4310) contains.

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Color

**HunterLab(52.5713,
-45.0799, 31.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	00A700
RGB	0, 167, 0
RGB Percent	0%, 65%, 0%
CMY	1.0000, 0.3451, 0.9999
CMYK	1.00, 0.00, 1.00, 0.35
HSL	120°, 100%, 33%
HSV	120°, 100%, 65%
XYZ	13.8187, 27.6374, 4.6062
YIQ	98.0290, -45.9250, -87.3410

Conversions

Conversions Part 2

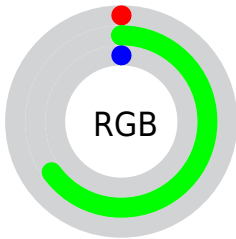
Format	Color
RYB	0, 167, 167
Decimal	42752
CIELab	59.56, -62.78, 60.59
CIELCh	60, 87.243, 136.017
Yxy	27.6386, 0.3000, 0.6000
Android (android.graphics.Color)	4278232832 (0xFF00A700)
YUV	98.0290, -48.3283, -85.9714
Hunter-Lab	52.5713, -45.0799, 31.6050

Details

The HunterLab color $[52.5713, -45.0799, 31.6050]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[33.1744, 65.2207, -43.7455]$, and the grayscale version is $[35.1481, -1.8754, 1.9097]$.

A 20% lighter version of the original color is $[74.5896, -53.4589, 40.0155]$, and $[34.3661, -29.4689, 20.6603]$ is the 20% darker color. If you saturate the color by 10%, you get $[52.5724, -45.0806, 31.6052]$, and if you desaturate by 10%, it is $[52.7205, -44.3723, 31.1261]$.

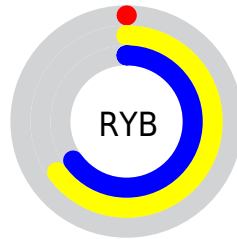
Distribution



Red (0%)

Green (65%)

Blue (0%)



Red (0%)

Yellow (65%)

Blue (65%)

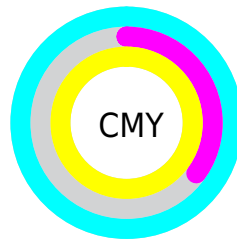


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (100%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5713, -45.0799, 31.6050 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 52.5713, -45.0799, 31.6050 by changing the saturation by 10% instead.

■ 52.5713, -45.0799,
31.6050

■ 52.5713, -45.0799,
31.6050

170.5098,
-78.9310, 65.5472

■ 42.4893, -40.4285,
27.0021

■ 74.7709, -53.6032,
40.1386

■ 33.1486, -35.4163,
22.2509

■ 86.8094, -57.5723,
44.1284

■ 24.6150, -29.9253,
17.2305

■ 99.4326, -61.3916,
47.9684

■ 16.9734, -24.1741,
11.8814

■ 112.6144,
-65.0853, 51.6795

■ 10.3437, -18.1014,
7.2406

■ 126.3322,
-68.6722, 55.2793


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 140.5658,


-72.1676, 58.7827


0.0000, NaN, NaN


 155.2971,
-75.5838, 62.2018


0.0000, NaN, NaN


 52.5713, -45.0799,
31.6050


 52.5713, -45.0799,
31.6050


 52.5724, -45.0806,
31.6052

 52.7205, -44.3723,
31.1261

 52.9912, -43.0841,
30.2547

 53.4326, -40.9995,
28.8448

 54.0627, -38.0585,
26.8560

 54.8934, -34.2410,
24.2749

■ 55.9317, -29.5607,
21.1109

■ 57.1803, -24.0593,
17.3923

■ 58.6383, -17.7993,
13.1617

■ 60.3019, -10.8573,
8.4712

Harmonies

Analogous

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



52.5724, -21.1593, 35.2653



52.5713, -45.0799, 31.6050



52.5724, -55.8483, 16.8153

Triad

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



52.5724, -45.0806, 31.6052



52.5724, -19.0309, -115.6107



52.5724, 85.3474, 18.4129

Complementary

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



52.5713, -45.0799, 31.6050



33.1744, 65.2207, -43.7455

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.



52.5724, 86.3905, -16.4242



52.5713, -45.0799, 31.6050



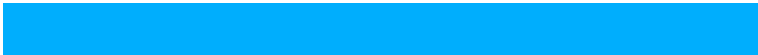
52.5724, 18.4668, -113.9122

Square

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



52.5724, -45.0806, 31.6052



52.5724, -43.8986, -73.6380



52.5724, 59.3462, -69.9230



52.5724, 56.8016, 32.0796

Rectangle

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



52.5713, -45.0799, 31.6050



52.5724, -56.7871, -4.7988



52.5724, 59.3462, -69.9230



52.5724, 89.1496, 9.5188

Sweetspot

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



52.5724, -45.0806, 31.6052



76.4225, -32.6237, 23.5634



59.8785, -16.0829, 36.6153



35.8184, -16.8946, 12.1348



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.



52.5724, -45.0806, 31.6052



70.3541, -60.3284, 42.2952



53.1703, -41.3481, 22.8003



28.9961, -4.9624, 3.8977



45.9875, -39.4340, 27.6464



7.1732, -6.1508, 4.3120

Inverse Universe

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



33.1744, 65.2207, -43.7455



44.3950, 87.2804, -58.5414



29.7458, 53.0662, 2.7434



27.6887, 2.0991, -0.9276



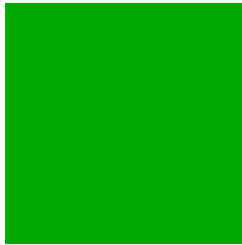
29.0192, 57.0516, -38.2663



4.5265, 8.8991, -5.9693

Previews

White Background



This preview shows how the HunterLab color 52.5713, -45.0799, 31.6050 looks on a white background.

Color Contrast Check

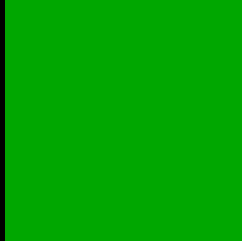
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5713, -45.0799, 31.6050 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 52.5713, -45.0799, 31.6050 Background



This preview shows how black text looks on a background with the HunterLab color 52.5713, -45.0799, 31.6050.



This preview shows how white text looks on a background with the HunterLab color 52.5713, -45.0799, 31.6050.

-45.0799, 31.6050.

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

52.5713, -45.0799, 31.6050

Protanopia

52.1747, -7.4165, 32.0200

Deuteranopia

51.9991, 3.6523, 30.2024



Tritanopia

52.5090, -19.4321, -9.8143

Trichromacy



Original Color

52.5713, -45.0799, 31.6050



Protanomaly

50.2805, -28.6769, 30.4805



Deuteranomaly

49.5042, -23.4315, 29.1232



Tritanomaly

51.3962, -33.9091, 15.0302

Monochromacy



Original Color

52.5713, -45.0799, 31.6050



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

39.4181, -23.9738, 17.0146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5713, -45.0799, 31.6050 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, 0)` looks like.

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

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, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 52.5713, -45.0799, 31.6050 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, 0) }
```


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

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

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, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 52.5713, -45.0799, 31.6050 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, 0) }
```

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

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

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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