

Converting Colors

HunterLab(55.7238, -47.6530,
33.2193)

Have a look what the booklet for
HunterLab(55.7238, -47.6530,
33.2193) contains.

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Color

**HunterLab(55.7408,
-47.6714, 33.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	00B009
RGB	0, 176, 9
RGB Percent	0%, 69%, 4%
CMY	1.0000, 0.3098, 0.9646
CMYK	1.00, 0.00, 0.95, 0.31
HSL	123°, 100%, 35%
HSV	123°, 100%, 69%
XYZ	15.5746, 31.0704, 5.4347
YIQ	104.3380, -51.2890, -89.2490

Conversions

Conversions Part 2

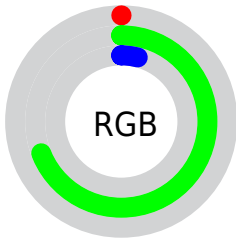
Format	Color
RYB	0, 167, 176
Decimal	45065
CIELab	62.57, -65.04, 61.82
CIELCh	63, 89.735, 136.455
Yxy	31.0717, 0.2991, 0.5966
Android (android.graphics.Color)	4278235145 (0xFF00B009)
YUV	104.3380, -47.0016, -91.5044
Hunter-Lab	55.7408, -47.6714, 33.2378

Details

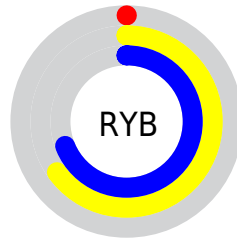
The HunterLab color **55.7408, -47.6714, 33.2378** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34.6700, 67.4192, -39.9679**, and the grayscale version is **37.5221, -2.0021, 2.0386**.

A 20% lighter version of the original color is **78.3385, -56.3311, 41.8306**, and **37.3083, -31.9918, 22.4291** is the 20% darker color. If you saturate the color by 10%, you get **55.7419, -47.6722, 33.2380**, and if you desaturate by 10%, it is **55.9017, -46.8938, 32.6066**.

Distribution



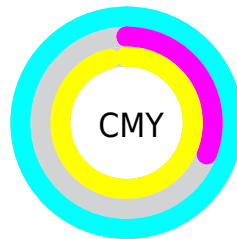
- Red (0%)
- Green (69%)
- Blue (4%)



- Red (0%)
- Yellow (65%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7408, -47.6714, 33.2378 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 55.7408, -47.6714, 33.2378 by changing the saturation by 10% instead.

■ 55.7408, -47.6714,
33.2378

■ 55.7408, -47.6714,
33.2378

175.1766,
-82.2397, 67.4386

■ 45.4460, -42.9511,
28.6266

■ 78.3281, -56.3498,
41.8070

■ 35.8760, -37.8823,
23.7762

■ 90.5454, -60.4000,
45.8220

■ 27.0919, -32.3569,
18.9643

■ 103.3391,
-64.3009, 49.6906

■ 19.1715, -26.2237,
13.4200

■ 116.6844,
-68.0761, 53.4328

■ 12.2218, -21.3881,
8.5552

■ 130.5593,
-71.7439, 57.0656

■ 5.3320, -9.3310,
3.7324

■ 144.9443,

0.0000, NaN, NaN

-75.3194, 60.6032

0.0000, NaN, NaN

159.8220,
-78.8146, 64.0575

0.0000, NaN, NaN

■ 55.7408, -47.6714,
33.2378

■ 55.7408, -47.6714,
33.2378

■ 55.7419, -47.6722,
33.2380

■ 55.9017, -46.8938,
32.6066

■ 56.1987, -45.4592,
31.4814

■ 56.6748, -43.1943,
29.8220

■ 57.3482, -40.0415,
27.6033

■ 58.2309, -35.9835,
24.8229

■ 59.3300, -31.0364,
21.4983

■ 60.6481, -25.2445,
17.6629

■ 62.1842, -18.6732,
13.3622

■ 63.9343, -11.4013,
8.6491

Harmonies

Analogous

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



55.7420, -22.7133, 37.2739



55.7408, -47.6714, 33.2378



55.7420, -58.8525, 17.3194

Triad

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



55.7420, -47.6721, 33.2380



55.7420, -19.5146, -120.8766



55.7420, 88.9943, 19.7277

Complementary

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



55.7408, -47.6714, 33.2378



34.6700, 67.4192, -39.9679

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.



55.7420, 90.5524, -16.4485



55.7408, -47.6714, 33.2378



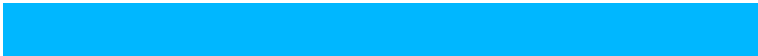
55.7420, 19.9554, -118.3501

Square

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



55.7420, -47.6721, 33.2380



55.7420, -45.8895, -77.6734



55.7420, 62.6487, -72.1384



55.7420, 58.8439, 33.9640

Rectangle

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



55.7408, -47.6714, 33.2378



55.7420, -59.7355, -5.6187



55.7420, 62.6487, -72.1384



55.7420, 93.1174, 10.4897

Sweetspot

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



55.7420, -47.6721, 33.2380



81.5740, -34.4341, 24.0745



62.6813, -19.9737, 38.2742



37.6217, -17.5734, 12.2263



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



55.7420, -47.6721, 33.2380



75.0611, -64.2415, 44.8591



56.4901, -43.0091, 22.2368



30.8171, -5.2400, 4.0029



47.7490, -40.8163, 28.4287



8.4835, -7.1541, 4.8401

Inverse Universe

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



34.6700, 67.4192, -39.9679



46.6787, 90.7542, -53.6769



31.3017, 55.4177, 6.1737



29.3923, 2.1935, -0.8233



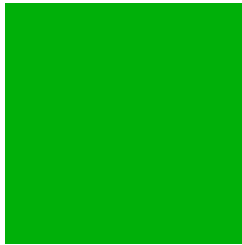
29.7014, 57.7643, -34.2939



5.2900, 10.3213, -6.3640

Previews

White Background



This preview shows how the HunterLab color 55.7408, -47.6714, 33.2378 looks on a white background.

Color Contrast Check

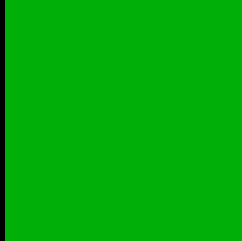
Large Text (above 18pt) WCAG AA × Fail

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 55.7408, -47.6714, 33.2378 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.7408, -47.6714, 33.2378 Background



This preview shows how black text looks on a background with the HunterLab color 55.7408, -47.6714, 33.2378.



This preview shows how white text looks on a background with the HunterLab color 55.7408, -47.6714, 33.2378.

-47.6714, 33.2378.

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

55.7408, -47.6714, 33.2378

Protanopia

55.3889, -7.8425, 33.9931

Deuteranopia

55.3265, 3.7584, 32.1008



Tritanopia

55.8400, -20.8880, -10.1222

Trichromacy



Original Color

55.7408, -47.6714, 33.2378



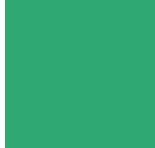
Protanomaly

53.2319, -30.2099, 32.1764



Deuteranomaly

52.4591, -24.8507, 30.6484



Tritanomaly

54.6540, -35.7874, 15.1264

Monochromacy



Original Color

55.7408, -47.6714, 33.2378



Achromatopsia

37.2064, -1.9852, 2.0215



Achromatomaly

41.8965, -25.1601, 17.4083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7408, -47.6714, 33.2378 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, 176, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 9)  
}
```

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, 176, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7408, -47.6714, 33.2378 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, 176, 9) }
```


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

```
.border{ border-color:rgb(0, 176, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 176, 9); box-shadow:4px  
4px 4px 4px rgb(0, 176, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7408, -47.6714, 33.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 9) }
```

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

```
.background{ background-color: rgb(0, 176,  
9) }
```

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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