

Converting Colors

HunterLab(83.3780, -43.8321,
50.0071)

Have a look what the booklet for
HunterLab(83.3780, -43.8321,
50.0071) contains.

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Color

**HunterLab(83.3778,
-43.8294, 49.9952)**

Conversions

Conversions Part 1

Format	Color
Hex	ADED18
RGB	173, 237, 24
RGB Percent	68%, 93%, 9%
CMY	0.3216, 0.0706, 0.9058
CMYK	0.27, 0.00, 0.90, 0.07
HSL	78°, 86%, 51%
HSV	78°, 90%, 93%
XYZ	47.6826, 69.5186, 11.7694
YIQ	193.5820, 30.2290, -79.8110

Conversions

Conversions Part 2

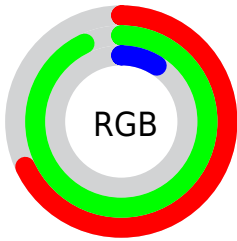
Format	Color
RBY	24, 237, 88
Decimal	11398424
CIELab	86.76, -45.64, 81.90
CIElCh	87, 93.759, 119.130
Yxy	69.5217, 0.3697, 0.5390
Android (android.graphics.Color)	4289588504 (0xFFADED18)
YUV	193.5820, -83.6039, -18.0504
Hunter-Lab	83.3778, -43.8294, 49.9952

Details

The HunterLab color **83.3778, -43.8294, 49.9952** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **29.7399, 65.8389, -140.2602**, and the grayscale version is **73.6082, -3.9275, 3.9993**.

A 20% lighter version of the original color is **94.7136, -30.9565, 50.7406**, and **60.5187, -36.7027, 36.6488** is the 20% darker color. If you saturate the color by 10%, you get **82.8649, -45.9512, 50.2500**, and if you desaturate by 10%, it is **83.9646, -41.3570, 49.0614**.

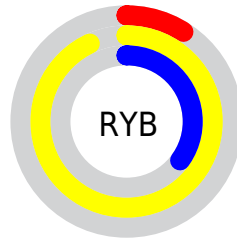
Distribution



Red (68%)

Green (93%)

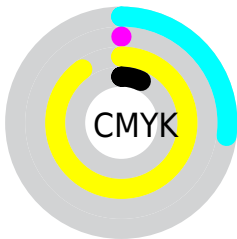
Blue (9%)



Red (9%)

Yellow (93%)

Blue (35%)

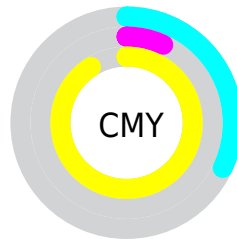


Cyan (27%)

Magenta (0%)

Yellow (90%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.3778, -43.8294, 49.9952 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 83.3778, -43.8294, 49.9952 by changing the saturation by 10% instead.


 83.3778, -43.8294,
49.9952

 83.3778, -43.8294,
49.9952


214.2122,
-68.1033, 90.7708


 71.5099, -40.8044,
44.6948


 108.8698,
-49.6064, 60.0151


 60.2639, -37.6558,
39.1763


 122.4397,
-52.3849, 64.7727


 49.6784, -34.3549,
33.4331


 136.5308,
-55.1060, 69.3859

 39.7975, -30.8588,
27.8582

 151.1245,
-57.7782, 73.8704

 30.6755, -27.1047,
21.4728

 166.2040,
-60.4086, 78.2399

 22.3818, -22.9956,
15.6673

 181.7541,

 15.0094, -18.5418,

-63.0032, 82.5063

10.5066

197.7611,
-65.5667, 86.6802

■ 8.6520, -15.1409,
6.0564

0.0000, NaN, NaN

■ 83.3778, -43.8294,
49.9952

■ 83.3778, -43.8294,
49.9952

■ 82.8649, -45.9512,
50.2500

■ 83.9646, -41.3570,
49.0614

■ 82.8582, -45.9785,
50.2519

■ 84.6330, -38.4556,
47.2515

■ 85.3919, -35.0950,
44.4668

■ 86.2464, -31.2562,
40.6385

■ 87.2002, -26.9301,
35.7211

■ 88.2560, -22.1156,
29.6883

■ 89.4152, -16.8182,
22.5302

■ 90.6789, -11.0492,
14.2511

■ 92.0471, -4.8241,
4.8672

Harmonies

Analogous

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



83.3797, -3.0851, 52.7460



83.3778, -43.8294, 49.9952



83.3797, -68.3980, 37.5567

Triad

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



83.3797, -43.8315, 49.9956



83.3797, -45.7203, -107.1700



83.3797, 105.7194, 3.2307

Complementary

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



83.3778, -43.8294, 49.9952



29.7399, 65.8389, -140.2602

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.



83.3797, 87.5094, -52.2897



83.3778, -43.8294, 49.9952



83.3797, -5.8129, -134.0905

Square

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



83.3797, -43.8315, 49.9956



83.3797, -69.3077, -48.6960



83.3797, 43.9366, -109.9289



83.3797, 89.4191, 36.3412

Rectangle

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



83.3778, -43.8294, 49.9952



83.3797, -75.6048, 19.0989



83.3797, 43.9366, -109.9289



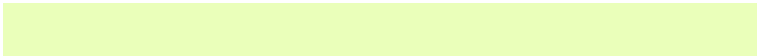
83.3797, 103.3757, -13.2381

Sweetspot

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



83.3797, -43.8315, 49.9956



96.2374, -22.4951, 30.2361



50.0368, 50.0455, 30.6835



44.3312, -11.2875, 15.1454

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3797, -43.8315, 49.9956



90.0159, -50.0407, 54.5913



78.6239, -63.2639, 46.6878



41.6973, -4.9658, 6.3842



61.2802, -33.7400, 37.1699



17.3161, -8.8846, 10.5146

Inverse Universe

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



29.7399, 65.8389, -140.2602



29.6353, 75.1134, -169.7015



42.7693, 83.6103, -83.2571



38.4296, 0.8268, -2.4134



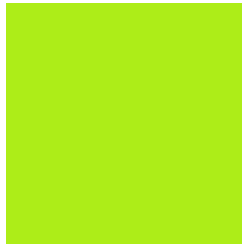
20.3319, 51.2373, -114.1337



6.1083, 14.7519, -29.3185

Previews

White Background



This preview shows how the HunterLab color 83.3778, -43.8294, 49.9952 looks on a white background.

Color Contrast Check

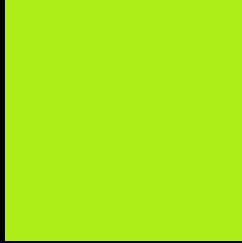
Large Text (above 18pt) WCAG AA × Fail

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 83.3778, -43.8294, 49.9952 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 83.3778, -43.8294, 49.9952 Background



This preview shows how black text looks on a background with the HunterLab color 83.3778, -43.8294, 49.9952.



This preview shows how white text looks on a background with the HunterLab color 83.3778,

-43.8294, 49.9952.

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

83.3778, -43.8294, 49.9952

Protanopia

83.0020, -11.4735, 50.6217

Deuteranopia

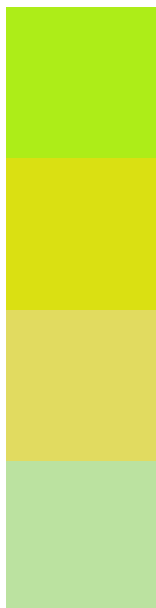
82.8656, 2.6607, 34.1744



Tritanopia

83.0431, -8.7653, -6.7347

Trichromacy



Original Color

83.3778, -43.8294, 49.9952

Protanomaly

82.6199, -24.2920, 50.0740

Deuteranomaly

82.1676, -16.7211, 42.3534

Tritanomaly

82.1557, -26.3703, 26.1609

Monochromacy



Original Color

83.3778, -43.8294, 49.9952

Achromatopsia

73.4493, -3.9191, 3.9906

Achromatomaly

76.2878, -22.4528, 29.6492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3778, -43.8294, 49.9952 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(173, 237, 24)` looks like.

```
.text, #text, p{  
    color:rgb(173, 237, 24)  
}
```

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(173, 237, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 237, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3778, -43.8294, 49.9952 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(173, 237, 24) }
```


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

```
.border{ border-color:rgb(173, 237, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 237, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 237, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 237, 24);  
box-shadow:4px 4px 4px 4px rgb(173, 237,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3778, -43.8294, 49.9952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 237, 24) }
```

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

```
.background{ background-color: rgb(173,  
237, 24) }
```

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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