

Converting Colors

HunterLab(87.0310, -43.8023,
52.8613)

Have a look what the booklet for
HunterLab(87.0310, -43.8023,
52.8613) contains.

HunterLab(87.0310, -43.8023, 52.8613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.0310,
-43.8023, 52.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	BAF500
RGB	186, 245, 0
RGB Percent	73%, 96%, 0%
CMY	0.2706, 0.0392, 0.9999
CMYK	0.24, 0.00, 1.00, 0.04
HSL	74°, 100%, 48%
HSV	74°, 100%, 96%
XYZ	52.9021, 75.7439, 11.8318
YIQ	199.4290, 43.4810, -88.7030

Conversions

Conversions Part 2

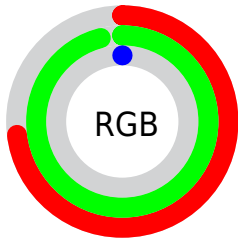
Format	Color
RYB	0, 245, 59
Decimal	12252416
CIELab	89.74, -44.49, 86.87
CIELCh	90, 97.600, 117.119
Yxy	75.7473, 0.3766, 0.5392
Android (android.graphics.Color)	4290442496 (0xFFBAF500)
YUV	199.4290, -98.3185, -11.7772
Hunter-Lab	87.0310, -43.8023, 52.8613

Details

The HunterLab color **87.0310, -43.8023, 52.8613** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **27.4312, 71.0034, -168.5794**, and the grayscale version is **76.1508, -4.0632, 4.1374**.

A 20% lighter version of the original color is **95.9515, -26.4390, 52.4055**, and **63.5626, -36.5704, 38.5268** is the 20% darker color. If you saturate the color by 10%, you get **87.0323, -43.8072, 52.8620**, and if you desaturate by 10%, it is **87.5043, -41.8809, 52.5810**.

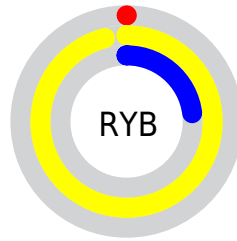
Distribution



Red (73%)

Green (96%)

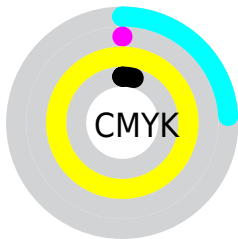
Blue (0%)



Red (0%)

Yellow (96%)

Blue (23%)

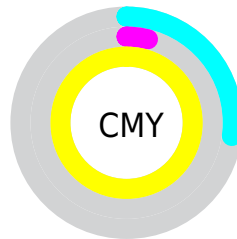


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0310, -43.8023, 52.8613 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 87.0310, -43.8023, 52.8613 by changing the saturation by 10% instead.

87.0310, -43.8023,
52.8613

87.0310, -43.8023,
52.8613

219.1991,
-67.4899, 95.4914

74.9836, -40.8728,
47.3417

112.8582,
-49.4149, 63.3185

63.5481, -37.8312,
41.6070

126.5855,
-52.1209, 68.2908

52.7615, -34.6528,
35.6550

140.8282,
-54.7747, 73.1151

42.6655, -31.3001,
29.8658

155.5683,
-57.3839, 77.8065

33.3108, -27.7188,
23.3176

170.7896,
-59.9551, 82.3787

24.7619, -23.8270,
17.3333


186.4773,

17.1033, -19.4915,


-62.4936, 86.8434


11.9723


202.6179,
-65.0039, 91.2112


 10.4538, -18.2941,
7.3177


0.0000, NaN, NaN


 87.0310, -43.8023,
52.8613


 87.0310, -43.8023,
52.8613

 87.0323, -43.8072,
52.8620

 87.5043, -41.8809,
52.5810

 88.0393, -39.6246,
51.5962

 88.6521, -36.9589,
49.7017

 89.3502, -33.8472,
46.7908

■ 90.1391, -30.2660,
42.7874

■ 91.0232, -26.2014,
37.6389

■ 92.0056, -21.6476,
31.3125

■ 93.0885, -16.6058,
23.7923

■ 94.2733, -11.0828,
15.0767

Harmonies

Analogous

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



87.0329, 0.1713, 55.2616



87.0310, -43.8023, 52.8613



87.0329, -70.8428, 40.8677

Triad

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



87.0329, -43.8046, 52.8617



87.0329, -50.3918, -110.2161



87.0329, 111.7946, 0.0784

Complementary

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



87.0310, -43.8023, 52.8613



27.4312, 71.0034, -168.5794

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.



87.0329, 90.1968, -59.8688



87.0310, -43.8023, 52.8613



87.0329, -9.3656, -142.1559

Square

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



87.0329, -43.8046, 52.8617



87.0329, -74.0084, -47.2489



87.0329, 42.9488, -119.9253



87.0329, 96.8949, 36.6489

Rectangle

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



87.0310, -43.8023, 52.8613



87.0329, -79.1591, 22.5486



87.0329, 42.9488, -119.9253



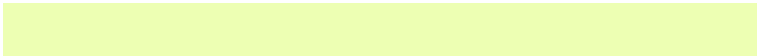
87.0329, 108.4679, -17.8753

Sweetspot

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



87.0329, -43.8046, 52.8617



96.2734, -22.6928, 32.8242



47.2854, 64.9685, 30.2732



44.3338, -11.4584, 16.5485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0329, -43.8046, 52.8617



91.0679, -45.8803, 55.3124



81.5135, -66.3153, 49.0665



43.7044, -5.0007, 6.7683



63.9306, -31.9460, 38.8344



19.0767, -8.9873, 11.5976

Inverse Universe

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



27.4312, 71.0034, -168.5794



28.6802, 74.2891, -176.6075



40.3220, 85.3980, -100.6889



40.1490, 0.6739, -2.6313



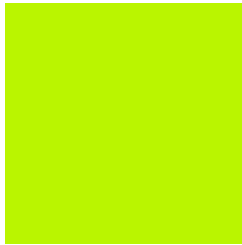
20.2627, 52.2275, -122.7732



6.3760, 15.8146, -33.8294

Previews

White Background



This preview shows how the HunterLab color 87.0310, -43.8023, 52.8613 looks on a white background.

Color Contrast Check

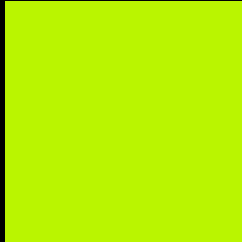
Large Text (above 18pt) WCAG AA × Fail

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 87.0310, -43.8023, 52.8613 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 87.0310, -43.8023, 52.8613 Background



This preview shows how black text looks on a background with the HunterLab color 87.0310, -43.8023, 52.8613.



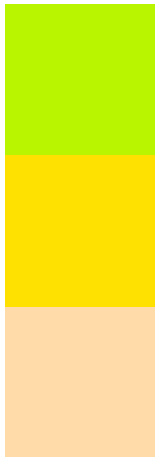
This preview shows how white text looks on a background with the HunterLab color 87.0310, -43.8023, 52.8613.

-43.8023, 52.8613.

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

87.0310, -43.8023, 52.8613

Protanopia

86.5571, -11.6597, 53.1319

Deuteranopia

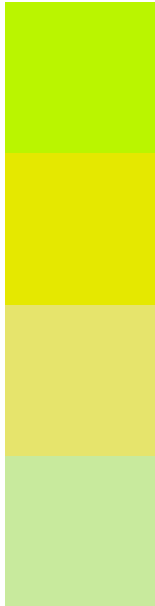
86.4798, 0.8499, 27.5688



Tritanopia

86.9198, -7.5548, -6.0462

Trichromacy



Original Color

87.0310, -43.8023, 52.8613

Protanomaly

86.2388, -24.3066, 52.7144

Deuteranomaly

85.6694, -18.4817, 42.6468

Tritanomaly

85.7667, -26.6167, 30.3320

Monochromacy



Original Color

87.0310, -43.8023, 52.8613

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

78.8120, -23.2393, 33.0517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0310, -43.8023, 52.8613 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(186, 245, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 245, 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(186, 245, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 245, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0310, -43.8023, 52.8613 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(186, 245, 0) }
```


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

```
.border{ border-color:rgb(186, 245, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 245, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 245, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 245, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 245,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0310, -43.8023, 52.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 245, 0) }
```

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

```
.background{ background-color: rgb(186,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor