

Converting Colors

HunterLab(83.9679, -44.0845,
36.8656)

Have a look what the booklet for
HunterLab(83.9679, -44.0845,
36.8656) contains.

HunterLab(83.8057, -43.9658, 36.6659)	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(83.8057,
-43.9658, 36.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEF7F
RGB	155, 239, 127
RGB Percent	61%, 94%, 50%
CMY	0.3922, 0.0627, 0.5019
CMYK	0.35, 0.00, 0.47, 0.06
HSL	105°, 78%, 72%
HSV	105°, 47%, 94%
XYZ	48.2149, 70.2340, 31.0940
YIQ	201.1160, -14.1120, -52.6400

Conversions

Conversions Part 2

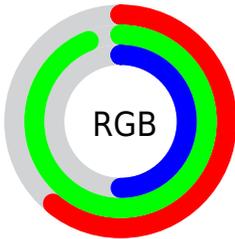
Format	Color
RYB	127, 239, 211
Decimal	10219391
CIELab	87.11, -45.68, 46.07
CIELCh	87, 64.882, 134.755
Yxy	70.2370, 0.3224, 0.4697
Android (android.graphics.Color)	4288409471 (0xFF9BEF7F)
YUV	201.1160, -36.5392, -40.4437
Hunter-Lab	83.8057, -43.9658, 36.6659

Details

The HunterLab color $83.8057, -43.9658, 36.6659$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $59.3817, 46.4911, -44.1345$, and the grayscale version is $76.6313, -4.0889, 4.1635$.

A 20% lighter version of the original color is $94.2620, -30.0318, 30.0610$, and $60.5116, -37.6254, 30.1060$ is the 20% darker color. If you saturate the color by 10%, you get $82.4875, -49.8961, 40.7122$, and if you desaturate by 10%, it is $85.3481, -37.1258, 31.6306$.

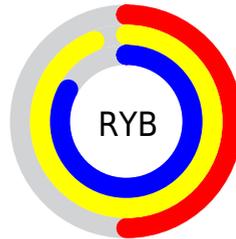
Distribution



Red (61%)

Green (94%)

Blue (50%)



Red (50%)

Yellow (94%)

Blue (83%)

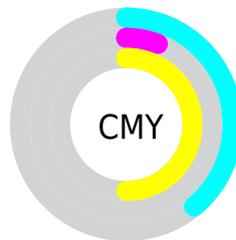


Cyan (35%)

Magenta (0%)

Yellow (47%)

Black (6%)



Cyan (39%)

Magenta (6%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8057, -43.9658, 36.6659 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 83.8057, -43.9658, 36.6659 by changing the saturation by 10% instead.

83.8057, -43.9658,
36.6659

83.8057, -43.9658,
36.6659

214.7979,
-68.2399, 61.6592

71.9164, -40.9419,
33.5128

109.3374,
-49.7408, 42.6598

60.6479, -37.7955,
30.2254

122.9259,
-52.5191, 45.5320

50.0385, -34.4980,
26.7753

137.0350,
-55.2402, 48.3378

40.1320, -31.0067,
23.1261

151.6460,
-57.9126, 51.0871

30.9823, -27.2599,
19.2341

166.7423,
-60.5434, 53.7876

22.6582, -23.1619,
15.7376

182.3087,

15.2514, -18.6670,

-63.1384, 56.4462

10.6760

198.3315,
-65.7025, 59.0685

■ 8.8738, -15.5292,
6.2117

0.0000, NaN, NaN

■ 83.8057, -43.9658,
36.6659

■ 83.8057, -43.9658,
36.6659

■ 82.4875, -49.8961,
40.7122

■ 85.3481, -37.1258,
31.6306

■ 81.3854, -54.8807,
43.7715

■ 87.1095, -29.4204,
25.6251

■ 80.4949, -58.9136,
45.8789

■ 89.0892, -20.9140,
18.6902

■ 79.8057, -62.0156,
47.1064

■ 91.2827, -11.6779,
10.8802

 79.3025, -64.2448,
47.5801

 93.6840, -1.7878,
2.2591

 79.1762, -64.8011,
47.6535

 94.9821, 3.2154,
-0.4725

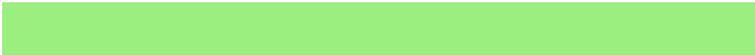
Harmonies

Analogous

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



83.8075, -19.7536, 44.0063



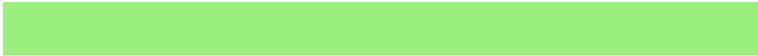
83.8057, -43.9658, 36.6659



83.8075, -56.4905, 18.6904

Triad

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



83.8075, -43.9674, 36.6665



83.8075, -20.2290, -75.0750



83.8075, 64.6407, 18.2899

Complementary

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



83.8057, -43.9658, 36.6659



59.3817, 46.4911, -44.1345

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.



83.8075, 64.4616, -12.5560



83.8057, -43.9658, 36.6659



83.8075, 11.9805, -75.3144

Square

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



83.8075, -43.9674, 36.6665



83.8075, -44.2697, -48.7797



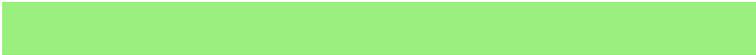
83.8075, 44.0276, -49.3456



83.8075, 44.4851, 36.4697

Rectangle

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



83.8057, -43.9658, 36.6659



83.8075, -57.9418, -0.4990



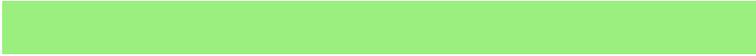
83.8075, 44.0276, -49.3456



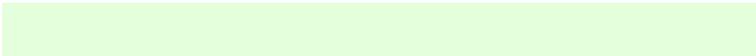
83.8075, 67.0449, 9.3256

Sweetspot

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



83.8075, -43.9674, 36.6665



96.5303, -19.7899, 17.8446



81.5321, -5.3566, 35.5439



44.4303, -10.1270, 9.0679

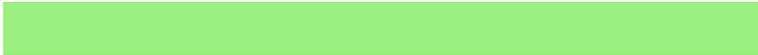
0.0000, NaN, NaN



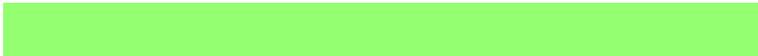
46.2646, -2.4686, 2.5136

Same Dimension

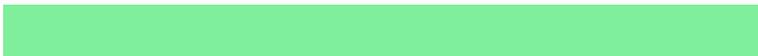
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8075, -43.9674, 36.6665



88.8710, -53.3107, 43.5627



82.8341, -46.8304, 28.0248



42.2460, -6.5964, 6.0579



58.9011, -47.9840, 35.4546



17.1219, -13.2778, 10.3180

Inverse Universe

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



59.3817, 46.4911, -44.1345



58.2750, 60.8855, -59.2808



61.8341, 50.4076, -20.1109



39.7755, 2.4020, -1.8646



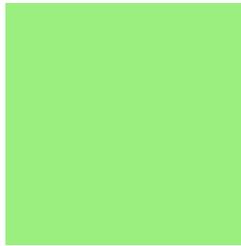
29.7020, 62.4602, -70.6868



8.8338, 18.3713, -19.4323

Previews

White Background



This preview shows how the HunterLab color 83.8057, -43.9658, 36.6659 looks on a white background.

Color Contrast Check

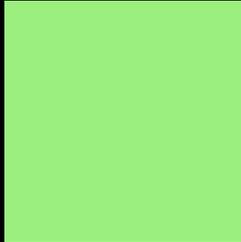
Large Text (above 18pt) WCAG AA × Fail

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 83.8057, -43.9658, 36.6659 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 83.8057, -43.9658, 36.6659 Background



This preview shows how black text looks on a background with the HunterLab color 83.8057, -43.9658, 36.6659.



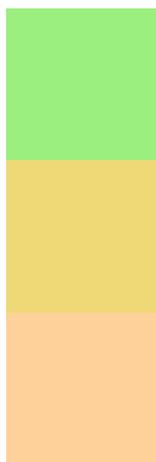
This preview shows how white text looks on a background with the HunterLab color 83.8057,

-43.9658, 36.6659.

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

83.8057, -43.9658, 36.6659

Protanopia

83.2516, -9.0269, 38.7118

Deuteranopia

83.1829, 4.3688, 29.5428



Tritanopia

83.6889, -15.9122, -9.3453

Trichromacy



Original Color

83.8057, -43.9658, 36.6659



Protanomaly

82.8646, -23.4122, 37.4768



Deuteranomaly

82.6197, -15.2985, 31.7071



Tritanomaly

83.4828, -27.9248, 11.7080

Monochromacy



Original Color

83.8057, -43.9658, 36.6659



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

78.6430, -20.2619, 17.9147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8057, -43.9658, 36.6659 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(155, 239, 127)` looks like.

```
.text, #text, p{  
    color:rgb(155, 239, 127)  
}
```

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(155, 239, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 239, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8057, -43.9658, 36.6659 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(155, 239, 127) }
```

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

```
.border{ border-color:rgb(155, 239, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 239, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 239, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 239, 127);  
box-shadow:4px 4px 4px 4px rgb(155, 239,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8057, -43.9658, 36.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 239, 127) }
```

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

```
.background{ background-color: rgb(155,  
239, 127) }
```

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