

Converting Colors

HunterLab(87.1847, -51.9750,
37.8196)

Have a look what the booklet for
HunterLab(87.1847, -51.9750,
37.8196) contains.

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Color

**HunterLab(87.2302,
-51.9498, 37.7587)**

Conversions

Conversions Part 1

Format	Color
Hex	8AFB85
RGB	138, 251, 133
RGB Percent	54%, 98%, 52%
CMY	0.4588, 0.0157, 0.4784
CMYK	0.45, 0.00, 0.47, 0.02
HSL	117°, 94%, 75%
HSV	117°, 47%, 98%
XYZ	49.2120, 76.0911, 34.2836
YIQ	203.7610, -29.4700, -60.6540

Conversions

Conversions Part 2

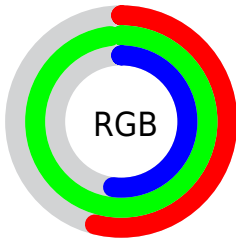
Format	Color
RYB	133, 251, 246
Decimal	9108357
CIELab	89.90, -54.98, 46.53
CIELCh	90, 72.023, 139.759
Yxy	76.0943, 0.3084, 0.4768
Android (android.graphics.Color)	4287298437 (0xFF8AFB85)
YUV	203.7610, -34.8852, -57.6724
Hunter-Lab	87.2302, -51.9498, 37.7587

Details

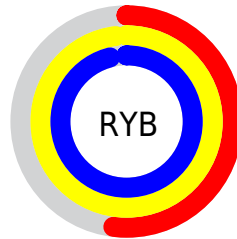
The HunterLab color **87.2302, -51.9498, 37.7587** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.8297, 57.8215, -40.6275**, and the grayscale version is **77.7591, -4.1490, 4.2248**.

A 20% lighter version of the original color is **93.2851, -33.3938, 26.6584**, and **63.8611, -45.0048, 31.5169** is the 20% darker color. If you saturate the color by 10%, you get **85.8213, -58.3909, 42.0778**, and if you desaturate by 10%, it is **88.9691, -44.1704, 32.4609**.

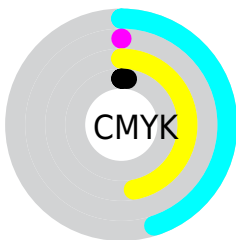
Distribution



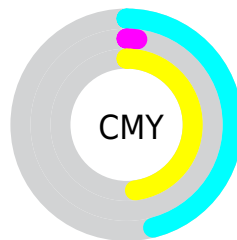
- Red (54%)
- Green (98%)
- Blue (52%)



- Red (52%)
- Yellow (98%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)





- Cyan (46%)
- Magenta (2%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2302, -51.9498, 37.7587 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 87.2302, -51.9498, 37.7587 by changing the saturation by 10% instead.


 87.2302, -51.9498,
37.7587


 87.2302, -51.9498,
37.7587


219.4699,
-79.8188, 62.8014


 75.1730, -48.4340,
34.6118


 113.0753,
-58.6372, 43.7512

 63.7274, -44.7674,
31.3359


 126.8110,
-61.8420, 46.6267

 52.9300, -40.9165,
27.9044


 141.0619,
-64.9725, 49.4377

 42.8225, -36.8330,
24.2828

155.8099,
-68.0393, 52.1935

 33.4554, -32.4480,
20.4294

171.0388,
-71.0507, 54.9018

 24.8929, -27.6586,
16.5874


186.7339,

 17.2191, -22.3363,


-74.0139, 57.5691


12.0534


202.8817,
-76.9349, 60.2007


 10.5521, -18.4662,
7.3865


0.0000, NaN, NaN


 87.2302, -51.9498,
37.7587


 87.2302, -51.9498,
37.7587


 85.8213, -58.3909,
42.0778


 88.9691, -44.1704,
32.4609


 84.7283, -63.4539,
45.3996

 91.0348, -35.1238,
26.2301

 83.9370, -67.1550,
47.7464

 93.4263, -24.9167,
19.1372

 83.4231, -69.5681,
49.1851

 96.1362, -13.6725,
11.2678

■ 83.1509, -70.8394,
49.8434

■ 98.7306, -3.2134,
3.9670

■ 83.1060, -71.0511,
49.9657

Harmonies

Analogous

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



87.2320, -27.1012, 47.0631



87.2302, -51.9498, 37.7587



87.2320, -63.4463, 15.7840

Triad

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



87.2320, -51.9513, 37.7593



87.2320, -16.7671, -89.5778



87.2320, 71.5429, 24.4064

Complementary

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



87.2302, -51.9498, 37.7587



65.8297, 57.8215, -40.6275

Split Complementary

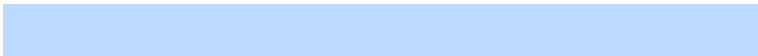
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2320, 75.5350, -7.9491



87.2302, -51.9498, 37.7587



87.2320, 20.3095, -84.1294

Square

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



87.2320, -51.9513, 37.7593



87.2320, -45.4572, -62.9736



87.2320, 55.5137, -50.2015



87.2320, 45.3639, 41.8374

Rectangle

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



87.2302, -51.9498, 37.7587



87.2320, -63.5191, -7.3201



87.2320, 55.5137, -50.2015



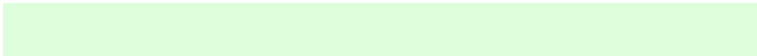
87.2320, 75.6713, 15.3060

Sweetspot

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



87.2320, -51.9513, 37.7593



95.9129, -22.0385, 17.1591



93.5799, -17.4560, 43.2979



44.1079, -11.3092, 8.7161

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2320, -51.9513, 37.7593



87.5004, -58.8768, 42.4600



88.0533, -46.5592, 22.1242



43.9821, -7.6284, 6.1240



60.2643, -51.4567, 36.2337



18.3728, -15.5207, 11.0495

Inverse Universe

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



65.8297, 57.8215, -40.6275



62.4368, 70.6063, -50.1302



64.3109, 49.4260, -8.7082



41.8150, 3.3043, -1.6626



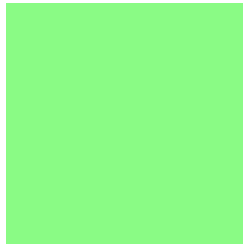
36.6738, 72.7876, -53.6857



11.2114, 22.2242, -16.1996

Previews

White Background



This preview shows how the HunterLab color 87.2302, -51.9498, 37.7587 looks on a white background.

Color Contrast Check

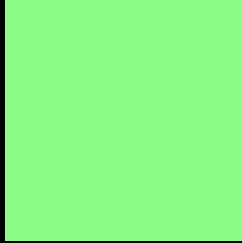
Large Text (above 18pt) WCAG AA × Fail

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 87.2302, -51.9498, 37.7587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

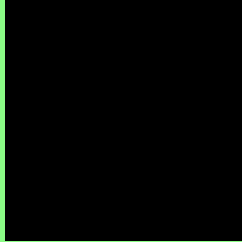
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

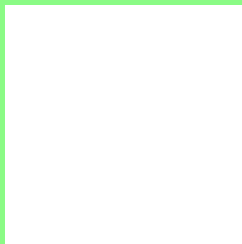
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.2302, -51.9498, 37.7587 Background



This preview shows how black text looks on a background with the HunterLab color 87.2302, -51.9498, 37.7587.



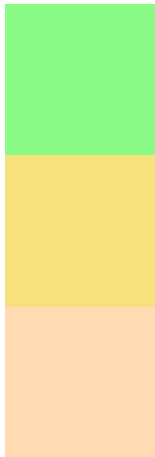
This preview shows how white text looks on a background with the HunterLab color 87.2302, -51.9498, 37.7587.

-51.9498, 37.7587.

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

87.2302, -51.9498, 37.7587

Protanopia

86.6486, -9.6546, 40.1755

Deuteranopia

86.3812, 2.4657, 24.3611



Tritanopia

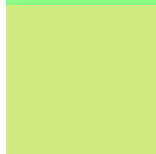
87.1179, -21.2008, -11.0768

Trichromacy



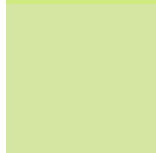
Original Color

87.2302, -51.9498, 37.7587



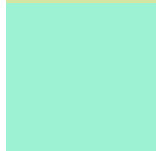
Protanomaly

85.8157, -27.4849, 38.5257



Deuteranomaly

85.5566, -20.4341, 28.6737



Tritanomaly

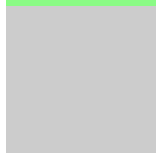
86.7614, -34.1092, 10.7501

Monochromacy



Original Color

87.2302, -51.9498, 37.7587



Achromatopsia

77.7063, -4.1462, 4.2219



Achromatomaly

80.3931, -23.6434, 18.0608

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2302, -51.9498, 37.7587 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(138, 251, 133)` looks like.

```
.text, #text, p{  
    color:rgb(138, 251, 133)  
}
```

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(138, 251, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 251, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2302, -51.9498, 37.7587 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(138, 251, 133) }
```


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

```
.border{ border-color:rgb(138, 251, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 251, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 251, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 251, 133);  
box-shadow:4px 4px 4px 4px rgb(138, 251,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2302, -51.9498, 37.7587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 251, 133) }
```

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

```
.background{ background-color: rgb(138,  
251, 133) }
```

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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