

Converting Colors

HunterLab(86.9217, -38.6609,
37.2488)

Have a look what the booklet for
HunterLab(86.9217, -38.6609,
37.2488) contains.

HunterLab(86.9217, -38.6609, 37.2488)	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(86.9217,
-38.6609, 37.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F387
RGB	180, 243, 135
RGB Percent	71%, 95%, 53%
CMY	0.2941, 0.0470, 0.4706
CMYK	0.26, 0.00, 0.44, 0.05
HSL	95°, 82%, 74%
HSV	95°, 44%, 95%
XYZ	55.2462, 75.5538, 34.5933
YIQ	211.8510, -2.8800, -46.9440

Conversions

Conversions Part 2

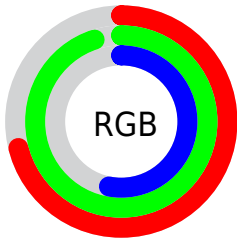
Format	Color
RYB	135, 243, 198
Decimal	11858823
CIELab	89.65, -38.12, 45.69
CIElCh	90, 59.502, 129.841
Yxy	75.5571, 0.3340, 0.4568
Android (android.graphics.Color)	4290048903 (0xFFB4F387)
YUV	211.8510, -37.8875, -27.9333
Hunter-Lab	86.9217, -38.6609, 37.2488

Details

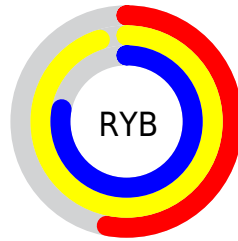
The HunterLab color **86.9217, -38.6609, 37.2488** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.8391, 38.8648, -46.4672**, and the grayscale version is **81.2366, -4.3346, 4.4137**.

A 20% lighter version of the original color is **96.6514, -20.8121, 29.3078**, and **63.3264, -33.0871, 30.7802** is the 20% darker color. If you saturate the color by 10%, you get **85.6350, -44.4014, 41.6376**, and if you desaturate by 10%, it is **88.3804, -32.2123, 31.7983**.

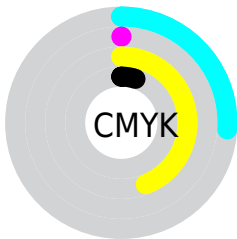
Distribution



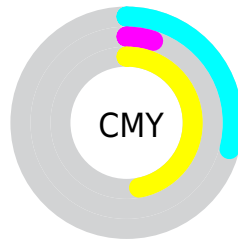
- Red (71%)
- Green (95%)
- Blue (53%)



- Red (53%)
- Yellow (95%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (44%)
- Black (5%)





- Cyan (29%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9217, -38.6609, 37.2488 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 86.9217, -38.6609, 37.2488 by changing the saturation by 10% instead.


 86.9217, -38.6609,
37.2488


 86.9217, -38.6609,
37.2488


219.0503,
-59.8523, 61.9503

 74.8795, -36.0793,
34.1487


 112.7389,
-43.6326, 43.1545

 63.4496, -33.4092,
30.9220


 126.4616,
-46.0414, 45.9893

 52.6690, -30.6303,
27.5421


 140.6998,
-48.4107, 48.7614

 42.5792, -27.7115,
23.9748

155.4356,
-50.7468, 51.4797

 33.2315, -24.6081,
20.1779

170.6527,
-53.0550, 54.1519

 24.6900, -21.2513,
16.3699


186.3363,

 17.0397, -17.5281,


-55.3396, 56.7843


11.9278


202.4730,
-57.6043, 59.3823


 10.3999, -16.7380,
7.2799


0.0000, NaN, NaN


 86.9217, -38.6609,
37.2488


 86.9217, -38.6609,
37.2488


 85.6350, -44.4014,
41.6376


 88.3804, -32.2123,
31.7983


 84.5129, -49.4074,
44.9752

 90.0053, -25.0817,
25.2927

 83.5534, -53.6744,
47.3012

 91.7971, -17.3112,
17.7588

 82.7501, -57.2140,
48.6868

 93.7529, -8.9468,
9.2362

■ 82.0936, -60.0612,
49.2468

■ 95.8184, -0.3135,
0.4964

■ 81.7834, -61.3906,
49.3198

■ 96.2208, 1.0633,
1.0134

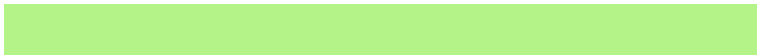
Harmonies

Analogous

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



86.9236, -14.3031, 43.3450



86.9217, -38.6609, 37.2488



86.9236, -52.5237, 21.6293

Triad

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



86.9236, -38.6628, 37.2495



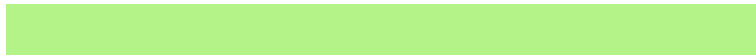
86.9236, -23.6810, -64.3355



86.9236, 59.9598, 13.6146

Complementary

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



86.9217, -38.6609, 37.2488



59.8391, 38.8648, -46.4672

Split Complementary

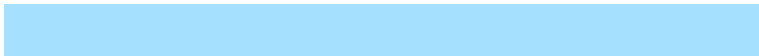
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9236, 56.5499, -16.4332



86.9217, -38.6609, 37.2488



86.9236, 5.4590, -68.7569

Square

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



86.9236, -38.6628, 37.2495



86.9236, -44.7240, -38.3841



86.9236, 35.5774, -48.9661



86.9236, 44.3444, 33.1025

Rectangle

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



86.9217, -38.6609, 37.2488



86.9236, -55.2247, 4.8844



86.9236, 35.5774, -48.9661



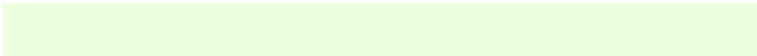
86.9236, 61.0449, 4.5783

Sweetspot

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



86.9236, -38.6628, 37.2495



97.2424, -17.0754, 17.5500



78.2274, 3.5076, 30.8911



44.7856, -8.7751, 8.9917

0.0000, NaN, NaN



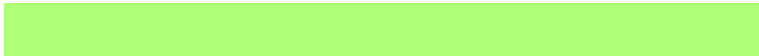
46.2646, -2.4686, 2.5136

Same Dimension

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



86.9236, -38.6628, 37.2495



90.6206, -46.1502, 43.4374



84.4211, -48.1938, 32.6443



43.3696, -6.1904, 6.3862



60.6482, -45.2214, 36.5795



18.1429, -12.7305, 10.9567

Inverse Universe

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



59.8391, 38.8648, -46.4672



57.1987, 50.3825, -61.9391



65.0579, 52.0895, -29.9439



40.5022, 1.8724, -2.1539



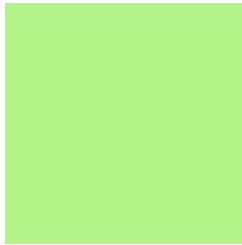
26.0328, 58.2242, -88.9302



8.0987, 17.7234, -24.6438

Previews

White Background



This preview shows how the HunterLab color 86.9217, -38.6609, 37.2488 looks on a white background.

Color Contrast Check

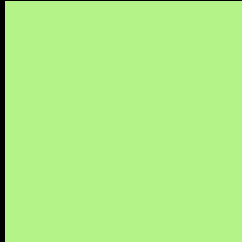
Large Text (above 18pt) WCAG AA × Fail

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 86.9217, -38.6609, 37.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

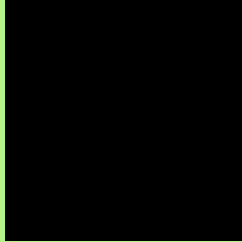
Any Text WCAG AA ✓ Pass

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 86.9217, -38.6609, 37.2488 Background



This preview shows how black text looks on a background with the HunterLab color 86.9217, -38.6609, 37.2488.



This preview shows how white text looks on a background with the HunterLab color 86.9217,

-38.6609, 37.2488.

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

86.9217, -38.6609, 37.2488

Protanopia

86.6036, -9.6947, 39.2138

Deuteranopia

86.3812, 2.4657, 24.3611



Tritanopia

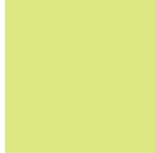
86.7417, -11.3179, -7.4499

Trichromacy



Original Color

86.9217, -38.6609, 37.2488



Protanomaly

86.5341, -21.3202, 38.2363



Deuteranomaly

86.0470, -13.6985, 29.2288



Tritanomaly

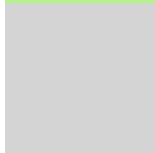
86.6014, -22.8188, 12.5491

Monochromacy



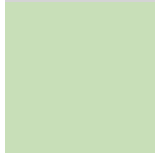
Original Color

86.9217, -38.6609, 37.2488



Achromatopsia

81.1403, -4.3294, 4.4085



Achromatomaly

82.7740, -17.9271, 18.2094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9217, -38.6609, 37.2488 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(180, 243, 135)` looks like.

```
.text, #text, p{  
    color:rgb(180, 243, 135)  
}
```

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(180, 243, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 243, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9217, -38.6609, 37.2488 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(180, 243, 135) }
```


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

```
.border{ border-color:rgb(180, 243, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 243, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 243, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 243, 135);  
box-shadow:4px 4px 4px 4px rgb(180, 243,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9217, -38.6609, 37.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 243, 135) }
```

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

```
.background{ background-color: rgb(180,  
243, 135) }
```

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