

Converting Colors

HunterLab(86.6917, -40.3134,
29.9981)

Have a look what the booklet for
HunterLab(86.6917, -40.3134,
29.9981) contains.

HunterLab(86.7403, -40.2325, 30.0118)	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(86.7403,
-40.2325, 30.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F4A0
RGB	165, 244, 160
RGB Percent	65%, 96%, 63%
CMY	0.3529, 0.0431, 0.3725
CMYK	0.32, 0.00, 0.34, 0.04
HSL	116°, 79%, 79%
HSV	116°, 34%, 96%
XYZ	54.2129, 75.2388, 44.9230
YIQ	210.8030, -20.1200, -42.8720

Conversions

Conversions Part 2

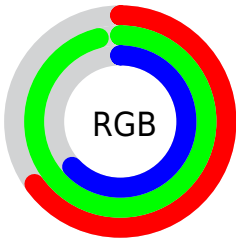
Format	Color
RYB	160, 244, 239
Decimal	10876064
CIELab	89.51, -40.10, 33.02
CIELCh	90, 51.945, 140.537
Yxy	75.2420, 0.3109, 0.4315
Android (android.graphics.Color)	4289066144 (0xFFA5F4A0)
YUV	210.8030, -25.0459, -40.1692
Hunter-Lab	86.7403, -40.2325, 30.0118

Details

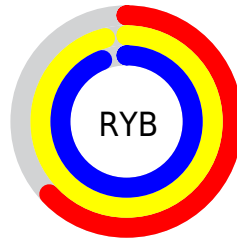
The HunterLab color **86.7403, -40.2325, 30.0118** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70.7293, 39.0027, -27.4830**, and the grayscale version is **80.7371, -4.3079, 4.3866**.

A 20% lighter version of the original color is **95.8936, -22.3426, 18.9483**, and **63.1968, -34.5939, 25.0256** is the 20% darker color. If you saturate the color by 10%, you get **84.9859, -48.0510, 35.3800**, and if you desaturate by 10%, it is **88.8071, -31.2504, 23.7521**.

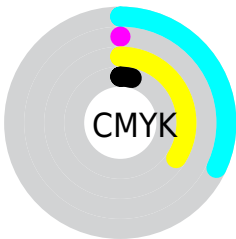
Distribution



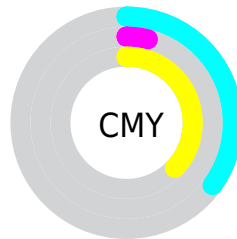
- Red (65%)
- Green (96%)
- Blue (63%)



- Red (63%)
- Yellow (96%)
- Blue (94%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)





- Cyan (35%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.7403, -40.2325, 30.0118 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 86.7403, -40.2325, 30.0118 by changing the saturation by 10% instead.


 86.7403, -40.2325,
30.0118


 86.7403, -40.2325,
30.0118


218.8033,
-62.2031, 49.4824

 74.7069, -37.5413,
27.6480


 112.5410,
-45.4045, 34.5647

 63.2863, -34.7544,
25.2051


 126.2560,
-47.9062, 36.7735

 52.5155, -31.8495,
22.6636


140.4867,
-50.3643, 38.9479

 42.4362, -28.7935,
19.9961

155.2153,
-52.7857, 41.0940

 33.0998, -25.5383,
17.1648

170.4255,
-55.1759, 43.2167

 24.5708, -22.0102,
14.1174


186.1023,

 16.9344, -18.0889,


-57.5397, 45.3201


11.7032


202.2324,
-59.8810, 47.4077


 10.3106, -17.6753,
7.2174


0.0000, NaN, NaN


 86.7403, -40.2325,
30.0118


 86.7403, -40.2325,
30.0118


 84.9859, -48.0510,
35.3800


 88.8071, -31.2504,
23.7521


 83.5379, -54.6216,
39.8044

 91.1767, -21.2034,
16.6687

 82.3920, -59.9003,
43.2630

 93.8434, -10.2109,
8.8447

 81.5360, -63.8847,
45.7676

 96.5321, 0.5269,
1.3837

■ 80.9500, -66.6237,
47.3716

■ 80.6054, -68.2270,
48.1790

■ 80.4997, -68.7170,
48.4005

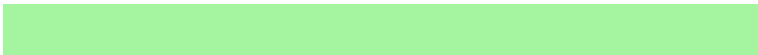
Harmonies

Analogous

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



86.7421, -21.6251, 38.7027



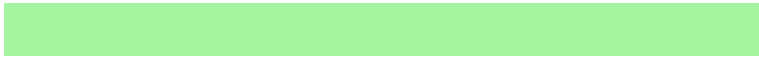
86.7403, -40.2325, 30.0118



86.7421, -48.9823, 12.2440

Triad

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



86.7421, -40.2341, 30.0126



86.7421, -12.7691, -57.1780



86.7421, 47.8229, 19.9214

Complementary

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



86.7403, -40.2325, 30.0118



70.7293, 39.0027, -27.4830

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.



86.7421, 50.9254, -3.5413



86.7403, -40.2325, 30.0118



86.7421, 13.7770, -53.2855

Square

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



86.7421, -40.2341, 30.0126



86.7421, -34.4142, -41.0800



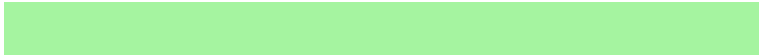
86.7421, 37.8349, -31.6369



86.7421, 29.8020, 34.1929

Rectangle

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



86.7403, -40.2325, 30.0118



86.7421, -48.8529, -4.5175



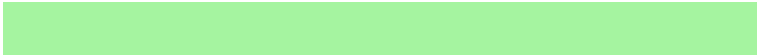
86.7421, 37.8349, -31.6369



86.7421, 50.7222, 13.0444

Sweetspot

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



86.7421, -40.2341, 30.0126



97.0551, -17.3185, 13.9933



91.1906, -14.0521, 34.3210



44.7220, -8.7579, 7.0040

0.0000, NaN, NaN



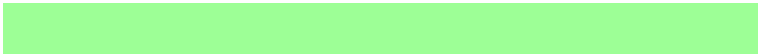
46.2646, -2.4686, 2.5136

Same Dimension

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



86.7421, -40.2341, 30.0126



89.9286, -47.9236, 35.4256



87.2824, -36.4611, 17.5052



43.0338, -7.3936, 6.0003



59.3740, -50.6030, 35.7001



17.6482, -14.8054, 10.6155

Inverse Universe

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



70.7293, 39.0027, -27.4830



70.1967, 50.1118, -35.7761



69.9365, 33.8581, -6.6866



40.8842, 3.1572, -1.6424



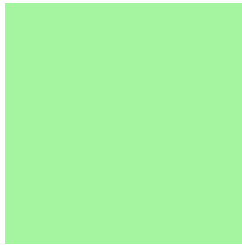
35.6005, 70.9428, -54.3267



10.6250, 21.1334, -15.9075

Previews

White Background



This preview shows how the HunterLab color 86.7403, -40.2325, 30.0118 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 86.7403, -40.2325, 30.0118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

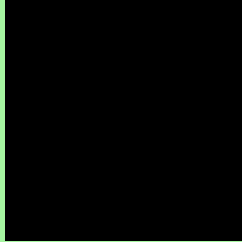
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

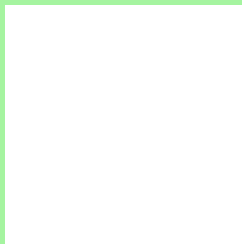
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.7403, -40.2325, 30.0118 Background



This preview shows how black text looks on a background with the HunterLab color 86.7403, -40.2325, 30.0118.



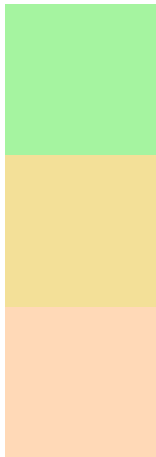
This preview shows how white text looks on a background with the HunterLab color 86.7403,

-40.2325, 30.0118.

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

86.7403, -40.2325, 30.0118

Protanopia

86.3904, -8.0258, 32.7057

Deuteranopia

86.2001, 3.6289, 22.3656



Tritanopia

86.7110, -16.2025, -9.2579

Trichromacy



Original Color

86.7403, -40.2325, 30.0118



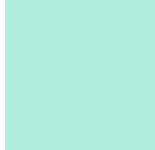
Protanomaly

86.0032, -20.7520, 31.2531



Deuteranomaly

85.7688, -14.1298, 24.5666



Tritanomaly

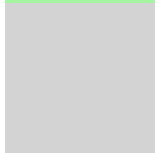
86.5219, -25.8894, 7.4081

Monochromacy



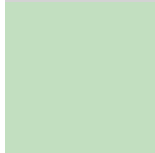
Original Color

86.7403, -40.2325, 30.0118



Achromatopsia

80.7097, -4.3065, 4.3851



Achromatomaly

82.4927, -18.5351, 14.6646

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7403, -40.2325, 30.0118 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(165, 244, 160)` looks like.

```
.text, #text, p{  
    color:rgb(165, 244, 160)  
}
```

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(165, 244, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 244, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7403, -40.2325, 30.0118 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(165, 244, 160) }
```


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

```
.border{ border-color:rgb(165, 244, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 244, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 244, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 244, 160);  
box-shadow:4px 4px 4px 4px rgb(165, 244,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7403, -40.2325, 30.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 244, 160) }
```

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

```
.background{ background-color: rgb(165,  
244, 160) }
```

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