

# Converting Colors

HunterLab(86.8849, -35.2717,  
22.0529)

Have a look what the booklet for  
HunterLab(86.8849, -35.2717,  
22.0529) contains.

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# Color

**HunterLab(86.8332,  
-35.2660, 21.9254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9F2B8
RGB	169, 242, 184
RGB Percent	66%, 95%, 72%
CMY	0.3372, 0.0510, 0.2784
CMYK	0.30, 0.00, 0.24, 0.05
HSL	132°, 74%, 81%
HSV	132°, 30%, 95%
XYZ	56.7661, 75.4000, 56.9093
YIQ	213.5610, -24.8900, -33.5140

# Conversions

## Conversions Part 2

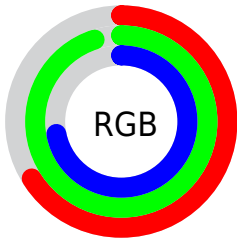
Format	Color
<a href="#">RYB</a>	<a href="#">169, 230, 242</a>
Decimal	<a href="#">11137720</a>
CIELab	<a href="#">89.58, -34.02, 20.93</a>
CIElCh	<a href="#">90, 39.943, 148.395</a>
Yxy	<a href="#">75.4032, 0.3002, 0.3988</a>
Android (android.graphics.Color)	<a href="#">4289327800 (0xFFA9F2B8)</a>
YUV	<a href="#">213.5610, -14.5736, -39.0800</a>
Hunter-Lab	<a href="#">86.8332, -35.2660, 21.9254</a>

# Details

The HunterLab color  $86.8332, -35.2660, 21.9254$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $72.6642, 31.7086, -13.9692$ , and the grayscale version is  $81.8834, -4.3691, 4.4489$ .

A 20% lighter version of the original color is  $96.9433, -17.0964, 9.0180$ , and  $63.2309, -30.1540, 18.3003$  is the 20% darker color. If you saturate the color by 10%, you get  $84.9808, -43.3426, 26.8452$ , and if you desaturate by 10%, it is  $88.9910, -26.1495, 16.6393$ .

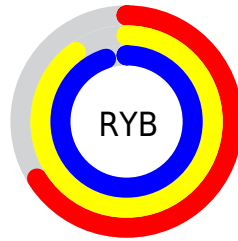
# Distribution



Red (66%)

Green (95%)

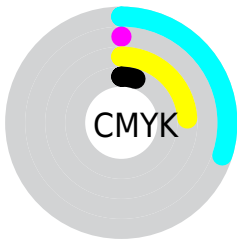
Blue (72%)



Red (66%)

Yellow (90%)

Blue (95%)

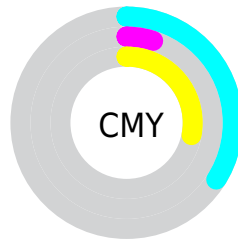


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (34%)

Magenta (5%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8332, -35.2660, 21.9254 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 86.8332, -35.2660, 21.9254 by changing the saturation by 10% instead.



■ 86.8332, -35.2660,  
21.9254

■ 86.8332, -35.2660,  
21.9254

218.9297,  
-54.8686, 36.6368

■ 74.7952, -32.9049,  
20.2327

■ 112.6423,  
-39.8305, 25.2485

■ 63.3699, -30.4703,  
18.5068

126.3612,  
-42.0503, 26.8884

■ 52.5940, -27.9445,  
16.7371

140.5958,  
-44.2386, 28.5197

■ 42.5094, -25.3006,  
14.9075

155.3281,  
-46.4008, 30.1454

■ 33.1672, -22.4995,  
12.9946

170.5418,  
-48.5415, 31.7681

■ 24.6318, -19.4814,  
10.9631


186.2221,

■ 16.9883, -16.1469,


-50.6643, 33.3898


8.7615


202.3556,  
-52.7725, 35.0123


 10.3563, -15.0598,  
7.2494


0.0000, NaN, NaN


 86.8332, -35.2660,  
21.9254


 86.8332, -35.2660,  
21.9254


 84.9808, -43.3426,  
26.8452


 88.9910, -26.1495,  
16.6393


 83.4294, -50.2872,  
31.3337

 91.4435, -16.0938,  
11.0488

 82.1769, -56.0414,  
35.3366

 94.1840, -5.2150,  
5.2183

 81.2134, -60.5815,  
38.8094

 95.9100, 1.6007,  
0.6423

■ 80.5220, -63.9283,  
41.7218

■ 80.0775, -66.1557,  
44.0603

■ 79.8343, -67.4386,  
45.7947

# Harmonies

## Analogous

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



86.8350, -22.3258, 31.3253



86.8332, -35.2660, 21.9254



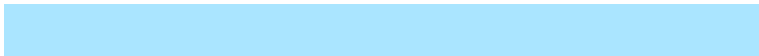
86.8350, -40.1113, 5.7537

# Triad

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



86.8350, -35.2675, 21.9263



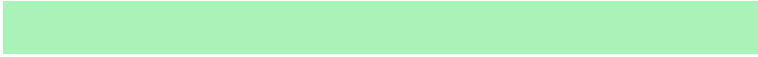
86.8350, -5.7216, -40.8416



86.8350, 32.1885, 20.5075

# Complementary

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



86.8332, -35.2660, 21.9254



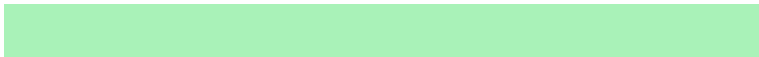
72.6642, 31.7086, -13.9692

# 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.



86.8350, 37.6393, 3.6869



86.8332, -35.2660, 21.9254



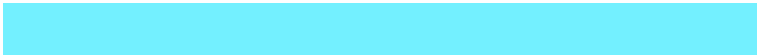
86.8350, 14.5898, -34.4034

# Square

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



86.8350, -35.2675, 21.9263



86.8350, -24.0459, -32.9401



86.8350, 30.9308, -16.9204



86.8350, 16.6401, 30.6472



# Rectangle

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



86.8332, -35.2660, 21.9254



86.8350, -38.4663, -7.7430



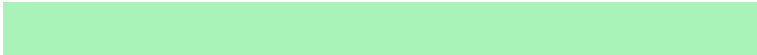
86.8350, 30.9308, -16.9204



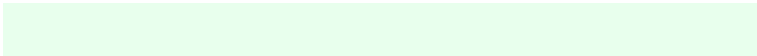
86.8350, 35.3216, 15.5837

# Sweetspot

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



86.8350, -35.2675, 21.9263



97.3575, -15.8036, 11.0309



90.9772, -20.4527, 31.2389



44.8551, -8.0651, 5.5139

0.0000, NaN, NaN

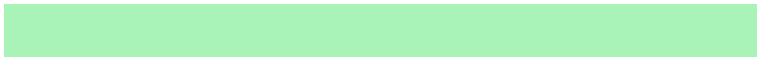


46.2646, -2.4686, 2.5136

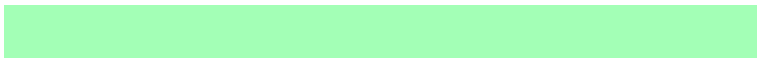


# Same Dimension

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



86.8350, -35.2675, 21.9263



90.9438, -42.6519, 26.4178



87.8153, -29.5856, 7.8290



42.0827, -7.0562, 4.8918



58.5262, -49.3434, 33.3655



16.9217, -13.9745, 9.0162



# Inverse Universe

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



72.6642, 31.7086, -13.9692



73.2049, 41.4379, -18.5231



71.4226, 25.4656, 3.5855



39.9656, 2.8927, -0.4674



34.9463, 65.7737, -23.3652

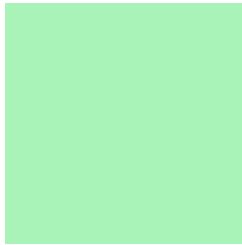


10.1480, 19.2134, -7.6644



# Previews

## White Background



This preview shows how the HunterLab color 86.8332, -35.2660, 21.9254 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 86.8332, -35.2660, 21.9254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

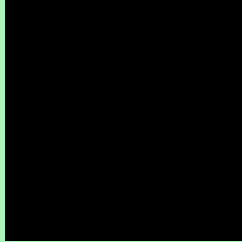
Any Text WCAG AA ✓ Pass

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 86.8332, -35.2660, 21.9254 Background



This preview shows how black text looks on a background with the HunterLab color 86.8332, -35.2660, 21.9254.



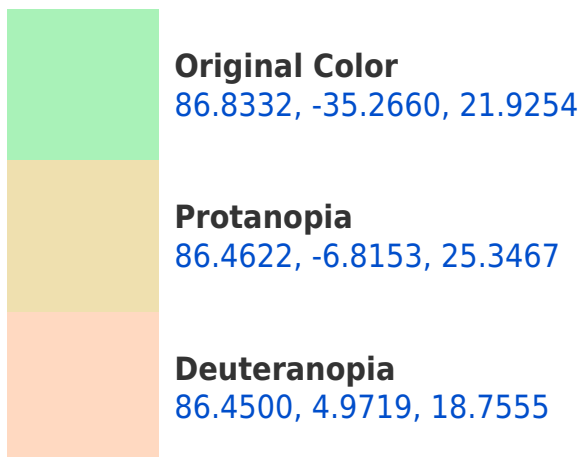
This preview shows how white text looks on a background with the HunterLab color 86.8332,

-35.2660, 21.9254.

# 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





## Tritanopia

86.7474, -15.9979, -9.7720

# Trichromacy



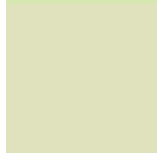
## Original Color

86.8332, -35.2660, 21.9254



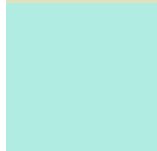
## Protanomaly

86.4074, -18.2926, 24.0225



## Deuteranomaly

85.9987, -10.9519, 19.2146



## Tritanomaly

86.5356, -23.5641, 3.1182

# Monochromacy



## Original Color

86.8332, -35.2660, 21.9254



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

83.4439, -16.1287, 10.9901

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.8332, -35.2660, 21.9254 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(169, 242, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 242, 184)  
}
```

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(169, 242, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 184) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.8332, -35.2660, 21.9254 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(169, 242, 184) }
```



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

```
.border{ border-color:rgb(169, 242, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 242, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
184) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.8332, -35.2660, 21.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 184) }
```

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

```
.background{ background-color: rgb(169,  
242, 184) }
```

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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