

# Converting Colors

HunterLab(85.0468, -41.9045,  
27.4785)

Have a look what the booklet for  
HunterLab(85.0468, -41.9045,  
27.4785) contains.

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# Color

**HunterLab(84.9319,  
-41.8050, 27.4138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97F1A3
RGB	151, 241, 163
RGB Percent	59%, 95%, 64%
CMY	0.4078, 0.0549, 0.3608
CMYK	0.37, 0.00, 0.32, 0.05
HSL	128°, 76%, 77%
HSV	128°, 37%, 95%
XYZ	50.8287, 72.1343, 45.8946
YIQ	205.1980, -28.6020, -43.3380

# Conversions

## Conversions Part 2

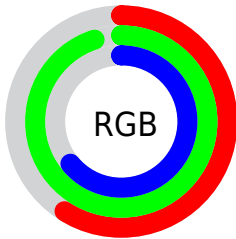
Format	Color
<b>RYB</b>	151, 230, 241
Decimal	9957795
CIELab	88.03, -42.58, 29.41
CIELCh	88, 51.747, 145.362
Yxy	72.1373, 0.3010, 0.4272
Android (android.graphics.Color)	4288147875 (0xFF97F1A3)
YUV	205.1980, -20.8036, -47.5316
Hunter-Lab	84.9319, -41.8050, 27.4138

# Details

The HunterLab color **84.9319, -41.8050, 27.4138** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68.1855, 41.6409, -21.7158**, and the grayscale version is **78.3156, -4.1787, 4.2550**.

A 20% lighter version of the original color is **94.8640, -25.9666, 16.5442**, and **61.5755, -35.7676, 22.8357** is the 20% darker color. If you saturate the color by 10%, you get **83.2912, -49.1377, 32.2143**, and if you desaturate by 10%, it is **86.8880, -33.3137, 22.0544**.

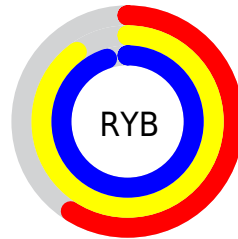
# Distribution



Red (59%)

Green (95%)

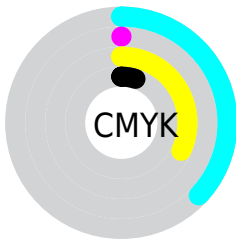
Blue (64%)



Red (59%)

Yellow (90%)

Blue (95%)

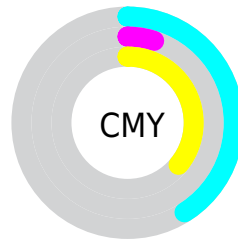


Cyan (37%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (41%)

Magenta (5%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9319, -41.8050, 27.4138 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 84.9319, -41.8050, 27.4138 by changing the saturation by 10% instead.



■ 84.9319, -41.8050,  
27.4138

■ 84.9319, -41.8050,  
27.4138

216.3375,  
-64.8024, 45.4682

■ 72.9869, -38.9641,  
25.2456

■ 110.5675,  
-47.2468, 31.6049

■ 61.6596, -36.0153,  
23.0098

■ 124.2049,  
-49.8721, 33.6450

■ 50.9877, -32.9331,  
20.6888

138.3609,  
-52.4475, 35.6579

■ 41.0143, -29.6796,  
18.2569

153.0173,  
-54.9806, 37.6488

■ 31.7923, -26.2000,  
15.6782

168.1575,  
-57.4779, 39.6219

■ 23.3886, -22.4100,  
12.9009


183.7666,

■ 15.8926, -18.1705,


-59.9445, 41.5810


10.6861


199.8308,  
-62.3848, 43.5289


 9.4313, -16.5047,  
6.6019


0.0000, NaN, NaN


 84.9319, -41.8050,  
27.4138


 84.9319, -41.8050,  
27.4138


 83.2912, -49.1377,  
32.2143


 86.8880, -33.3137,  
22.0544


 81.9581, -55.2361,  
36.3960

 89.1517, -23.7575,  
16.2016

 80.9256, -60.0673,  
39.9176

 91.7181, -13.2531,  
9.9286

 80.1783, -63.6424,  
42.7569

 94.5773, -1.9226,  
3.3083

■ 79.6921, -66.0269,  
44.9152

■ 95.5999, 2.1385,  
0.2710

■ 79.4308, -67.3586,  
46.4170

■ 79.3842, -67.5996,  
46.7049

# Harmonies

## Analogous

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



84.9337, -24.8653, 37.2968



84.9319, -41.8050, 27.4138



84.9337, -48.7585, 8.3714

# Triad

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



84.9337, -41.8064, 27.4146



84.9337, -8.5325, -57.5801



84.9337, 45.4046, 22.5413

# Complementary

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



84.9319, -41.8050, 27.4138



68.1855, 41.6409, -21.7158

# 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.



84.9337, 51.1236, 0.6959



84.9319, -41.8050, 27.4138



84.9337, 17.9049, -50.4073

# Square

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



84.9337, -41.8064, 27.4146



84.9337, -31.0714, -44.4210



84.9337, 40.5273, -27.0139



84.9337, 25.7181, 35.1326



# Rectangle

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



84.9319, -41.8050, 27.4138



84.9337, -47.4852, -8.9336



84.9337, 40.5273, -27.0139



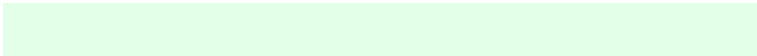
84.9337, 49.1175, 16.2584

# Sweetspot

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



84.9337, -41.8064, 27.4146



96.7444, -18.3709, 13.0999



90.4470, -21.4035, 36.1654



44.5849, -9.2080, 6.4833

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.9337, -41.8064, 27.4146



89.1641, -50.7755, 33.2716



86.0506, -35.2436, 11.2889



42.0603, -7.1812, 5.2122



58.4662, -49.7198, 34.2530



16.8951, -14.1412, 9.4093



# Inverse Universe

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



68.1855, 41.6409, -21.7158



68.0902, 54.7493, -28.6646



66.5553, 33.7086, 1.2027



39.9913, 3.0300, -0.8317



35.5645, 67.9553, -31.6688



10.3063, 19.7703, -9.7783



# Previews

## White Background



This preview shows how the HunterLab color 84.9319, -41.8050, 27.4138 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

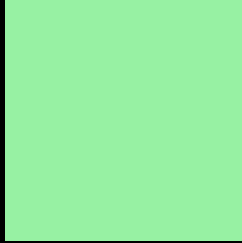
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.9319, -41.8050, 27.4138 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

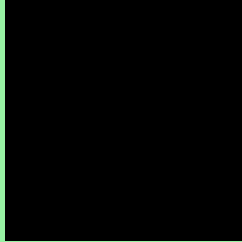
Any Text WCAG AA ✓ Pass

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 84.9319, -41.8050, 27.4138 Background



This preview shows how black text looks on a background with the HunterLab color 84.9319, -41.8050, 27.4138.



This preview shows how white text looks on a background with the HunterLab color 84.9319, -41.8050, 27.4138.

-41.8050, 27.4138.

# 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

84.9319, -41.8050, 27.4138

### Protanopia

84.5719, -7.9583, 30.5408

### Deuteranopia

84.2048, 5.6388, 23.7894



## Tritanopia

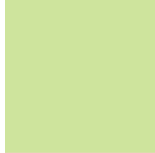
84.7101, -18.5577, -10.8552

# Trichromacy



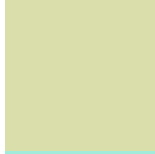
## Original Color

84.9319, -41.8050, 27.4138



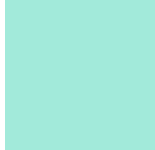
## Protanomaly

84.2870, -21.9552, 29.1147



## Deuteranomaly

83.6042, -13.9500, 24.3022



## Tritanomaly

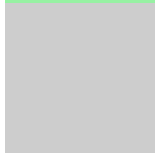
84.6103, -27.8630, 5.1687

# Monochromacy



## Original Color

84.9319, -41.8050, 27.4138



## Achromatopsia

78.1342, -4.1690, 4.2452



## Achromatomaly

80.1092, -19.0361, 12.9748

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.9319, -41.8050, 27.4138 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(151, 241, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 241, 163)  
}
```

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(151, 241, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 241, 163) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.9319, -41.8050, 27.4138 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(151, 241, 163) }
```



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

```
.border{ border-color:rgb(151, 241, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 241, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 241, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 241, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 241,  
163) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.9319, -41.8050, 27.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 241, 163) }
```

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

```
.background{ background-color: rgb(151,  
241, 163) }
```

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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