

# Converting Colors

HunterLab(87.4415, -41.7235,  
7.7090)

Have a look what the booklet for  
HunterLab(87.4415, -41.7235,  
7.7090) contains.

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# Color

**HunterLab(87.4415,  
-41.7235, 7.7090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BF8DB
RGB	123, 248, 219
RGB Percent	48%, 97%, 86%
CMY	0.5176, 0.0274, 0.1412
CMYK	0.50, 0.00, 0.12, 0.03
HSL	166°, 90%, 73%
HSV	166°, 50%, 97%
XYZ	54.5219, 76.4602, 78.9024
YIQ	207.3190, -65.1910, -35.5190

# Conversions

## Conversions Part 2

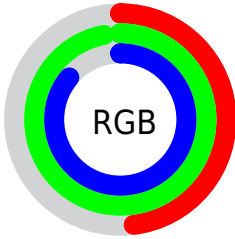
Format	Color
<a href="#">RYB</a>	<a href="#">123, 194, 248</a>
Decimal	<a href="#">8124635</a>
CIELab	<a href="#">90.07, -41.76, 3.24</a>
CIELCh	<a href="#">90, 41.890, 175.560</a>
Yxy	<a href="#">76.4632, 0.2598, 0.3643</a>
Android (android.graphics.Color)	<a href="#">4286314715 (0xFF7BF8DB)</a>
YUV	<a href="#">207.3190, 5.7587, -73.9478</a>
Hunter-Lab	<a href="#">87.4415, -41.7235, 7.7090</a>

# Details

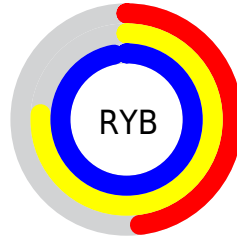
The HunterLab color **87.4415, -41.7235, 7.7090** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.3253, 46.7117, 8.7912**, and the grayscale version is **79.1258, -4.2220, 4.2991**.

A 20% lighter version of the original color is **94.2376, -26.0020, -1.9093**, and **63.9310, -36.1156, 6.1894** is the 20% darker color. If you saturate the color by 10%, you get **86.3493, -46.3683, 9.0592**, and if you desaturate by 10%, it is **88.7908, -36.1635, 6.6292**.

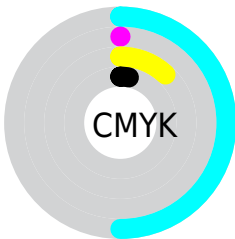
# Distribution



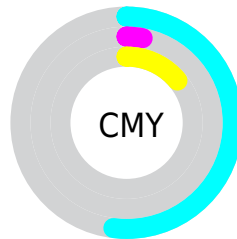
- Red (48%)
- Green (97%)
- Blue (86%)



- Red (48%)
- Yellow (76%)
- Blue (97%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)




- Cyan (52%)
- Magenta (3%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4415, -41.7235, 7.7090 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 87.4415, -41.7235, 7.7090 by changing the saturation by 10% instead.





 87.4415, -41.7235,  
7.7090


 87.4415, -41.7235,  
7.7090


219.7571,  
-64.3240, 16.0061


 75.3740, -38.9456,  
6.9054


 113.3055,  
-47.0543, 9.3931

 63.9176, -36.0678,  
6.1259


 127.0503,  
-49.6308, 10.2704

 53.1089, -33.0664,  
5.3718


 141.3098,  
-52.1607, 11.1710

 42.9891, -29.9070,  
4.6435

156.0661,  
-54.6513, 12.0943

 33.6089, -26.5403,  
3.9406

171.3031,  
-57.1084, 13.0399

 25.0320, -22.8909,  
3.2622

187.0061,

 17.3422, -18.8367,

-59.5369, 14.0074

2.6056

203.1615,  
-61.9409, 14.9962

■ 10.6567, -17.9713,  
1.9642

■ 0.9049, -1.5835,  
0.6334

■ 87.4415, -41.7235,  
7.7090

■ 87.4415, -41.7235,  
7.7090

■ 86.3493, -46.3683,  
9.0592

■ 88.7908, -36.1635,  
6.6292

■ 85.4978, -50.0973,  
10.6502


■ 90.3983, -29.7106,  
5.8354


■ 84.8719, -52.9451,  
12.4490


■ 92.2681, -22.4120,  
5.3399


■ 84.4476, -54.9844,  
14.4134

■ 94.3988, -14.3300,  
5.1467

 84.1875, -56.3398,  
16.3945

 96.7863, -5.5372,  
5.2536

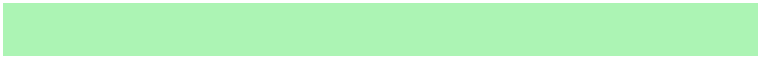
 97.7358, -1.8765,  
3.5504

 97.7841, -1.6134,  
2.8618

# Harmonies

## Analogous

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



87.4432, -35.8226, 23.9783



87.4415, -41.7235, 7.7090



87.4432, -38.4999, -13.6844

# Triad

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



87.4432, -41.7243, 7.7101



87.4432, 13.6272, -37.9629



87.4432, 19.6064, 31.0878

# Complementary

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



87.4415, -41.7235, 7.7090



60.3253, 46.7117, 8.7912

# 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.



87.4432, 35.2401, 19.8962



87.4415, -41.7235, 7.7090



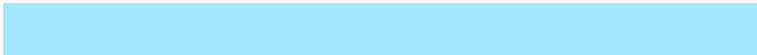
87.4432, 31.5638, -20.1423

# Square

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



87.4432, -41.7243, 7.7101



87.4432, -7.8052, -43.4174



87.4432, 39.8106, 1.7030



87.4432, -1.4909, 35.2739



# Rectangle

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



87.4415, -41.7235, 7.7090



87.4432, -31.4287, -27.7113



87.4432, 39.8106, 1.7030



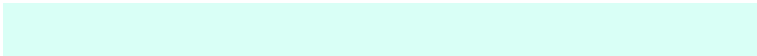
87.4432, 25.7508, 28.1726

# Sweetspot

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



87.4432, -41.7243, 7.7101



96.3820, -18.7398, 5.3653



86.7522, -48.6799, 39.7962



44.3777, -9.4799, 2.5038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.4432, -41.7243, 7.7101



89.1547, -47.7217, 9.3025



77.0858, -20.6725, -21.1698



44.1991, -6.3371, 2.4033



61.8935, -41.2966, 11.7860



18.8789, -12.3076, 2.9715



# Inverse Universe

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



60.3253, 46.7117, 8.7912



57.0817, 58.1585, 11.4138



67.2888, 26.1123, 25.4076



41.5827, 1.9636, 2.3783



33.1070, 57.2410, 17.1734

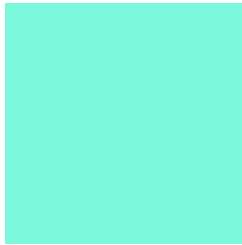


10.1524, 17.7039, 4.0978



# Previews

## White Background



This preview shows how the HunterLab color 87.4415, -41.7235, 7.7090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

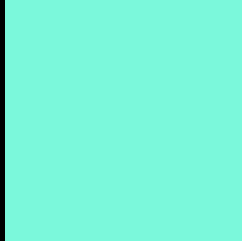
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4415, -41.7235, 7.7090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

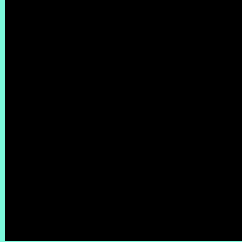
Any Text WCAG AA ✓ Pass

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 87.4415, -41.7235, 7.7090 Background



This preview shows how black text looks on a background with the HunterLab color 87.4415, -41.7235, 7.7090.



This preview shows how white text looks on a background with the HunterLab color 87.4415, -41.7235, 7.7090.

-41.7235, 7.7090.

# 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

87.4415, -41.7235, 7.7090

### Protanopia

86.7525, -4.2311, 13.4747

### Deuteranopia

86.7017, 6.1148, 4.8196



## Tritanopia

87.3053, -23.9427, -10.8712

# Trichromacy



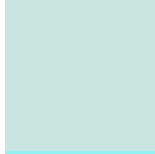
## Original Color

87.4415, -41.7235, 7.7090



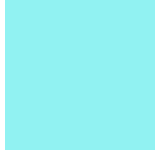
## Protanomaly

86.2846, -20.3679, 10.4642



## Deuteranomaly

85.8975, -14.3617, 4.4911



## Tritanomaly

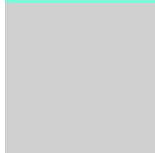
87.1406, -30.7051, -3.9981

# Monochromacy



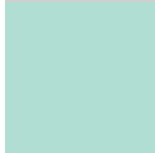
## Original Color

87.4415, -41.7235, 7.7090



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.3485, -19.9559, 4.8603

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4415, -41.7235, 7.7090 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(123, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(123, 248, 219)  
}
```

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(123, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 248, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4415, -41.7235, 7.7090 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(123, 248, 219) }
```



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

```
.border{ border-color:rgb(123, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(123, 248,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4415, -41.7235, 7.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 248, 219) }
```

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

```
.background{ background-color: rgb(123,  
248, 219) }
```

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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