

# Converting Colors

HunterLab(88.0183, -44.1422,  
10.0217)

Have a look what the booklet for  
HunterLab(88.0183, -44.1422,  
10.0217) contains.

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# Color

**HunterLab(87.8632,  
-43.9360, 9.9889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77FAD7
RGB	119, 250, 215
RGB Percent	47%, 98%, 84%
CMY	0.5333, 0.0196, 0.1569
CMYK	0.52, 0.00, 0.14, 0.02
HSL	164°, 93%, 72%
HSV	164°, 52%, 98%
XYZ	54.0591, 77.1994, 76.3418
YIQ	206.8410, -66.8410, -38.6570

# Conversions

## Conversions Part 2

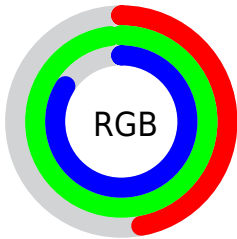
Format	Color
<a href="#">RYB</a>	<a href="#">119, 195, 250</a>
Decimal	<a href="#">7862999</a>
CIELab	<a href="#">90.41, -44.41, 5.80</a>
CIELCh	<a href="#">90, 44.788, 172.565</a>
Yxy	<a href="#">77.2025, 0.2604, 0.3719</a>
Android (android.graphics.Color)	<a href="#">4286053079</a> ( <a href="#">0xFF77FAD7</a> )
YUV	<a href="#">206.8410, 4.0224, -77.0366</a>
Hunter-Lab	<a href="#">87.8632, -43.9360, 9.9889</a>

# Details

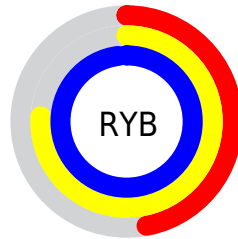
The HunterLab color **87.8632, -43.9360, 9.9889** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.8771, 49.8046, 7.4931**, and the grayscale version is **78.9285, -4.2114, 4.2883**.

A 20% lighter version of the original color is **93.9807, -26.9542, -2.2470**, and **64.3699, -38.0990, 8.3644** is the 20% darker color. If you saturate the color by 10%, you get **86.7892, -48.5764, 11.7200**, and if you desaturate by 10%, it is **89.1967, -38.3608, 8.5031**.

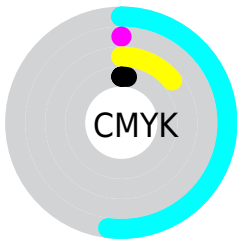
# Distribution



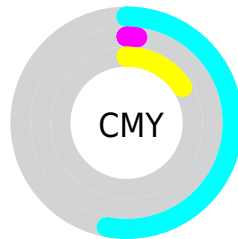
- Red (47%)
- Green (98%)
- Blue (84%)



- Red (47%)
- Yellow (76%)
- Blue (98%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)




- Cyan (53%)
- Magenta (2%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8632, -43.9360, 9.9889 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 87.8632, -43.9360, 9.9889 by changing the saturation by 10% instead.





 87.8632, -43.9360,  
9.9889


 87.8632, -43.9360,  
9.9889


220.3302,  
-67.5642, 19.1716


 75.7754, -41.0159,  
9.0648


 113.7652,  
-49.5293, 11.8967

 64.2976, -37.9870,  
8.1577


 127.5278,  
-52.2279, 12.8789

 53.4661, -34.8238,  
7.2678


 141.8045,  
-54.8750, 13.8802

 43.3221, -31.4895,  
6.3933

156.5775,  
-57.4781, 14.9007

 33.9158, -27.9317,  
5.5313

171.8307,  
-60.0437, 15.9402

 25.3103, -24.0707,  
4.6768

187.5492,

 17.5885, -19.7784,

-62.5771, 16.9987

3.8204

203.7198,  
-65.0827, 18.0758

■ 10.8663, -18.8239,  
2.9674

■ 2.1427, -3.7498,  
1.4999

■ 87.8632, -43.9360,  
9.9889

■ 87.8632, -43.9360,  
9.9889

■ 86.7892, -48.5764,  
11.7200

■ 89.1967, -38.3608,  
8.5031

■ 85.9573, -52.2850,  
13.6623


■ 90.7915, -31.8708,  
7.2832


■ 85.3509, -55.1025,  
15.7786


■ 92.6523, -24.5124,  
6.3466

■ 84.9443, -57.1101,  
18.0229

■ 94.7781, -16.3480,  
5.7023

 84.7356, -58.2207,  
19.7695

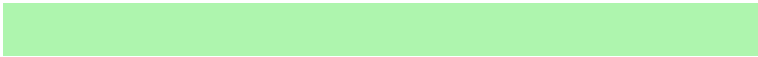
 97.1650, -7.4516,  
5.3527

 98.4144, -2.6804,  
3.5988

# Harmonies

## Analogous

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



87.8649, -36.7486, 26.4719



87.8632, -43.9360, 9.9889



87.8649, -41.4913, -12.6977

# Triad

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



87.8649, -43.9368, 9.9899



87.8649, 12.6998, -42.8747



87.8649, 23.4578, 31.7871

# Complementary

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



87.8632, -43.9360, 9.9889



59.8771, 49.8046, 7.4931

# 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.



87.8649, 39.3776, 19.2767



87.8632, -43.9360, 9.9889



87.8649, 32.7397, -24.4001

# Square

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



87.8649, -43.9368, 9.9899



87.8649, -10.2724, -47.1838



87.8649, 42.9362, -0.7641

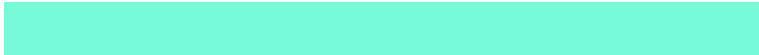


87.8649, 1.0293, 36.8076



# Rectangle

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



87.8632, -43.9360, 9.9889



87.8649, -34.5974, -28.2117



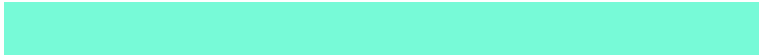
87.8649, 42.9362, -0.7641



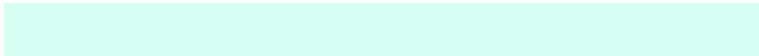
87.8649, 29.8375, 28.4974

# Sweetspot

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



87.8649, -43.9368, 9.9899



96.1165, -19.8310, 6.0356



87.6275, -48.9491, 41.3291



44.2597, -9.9738, 2.8542

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8649, -43.9368, 9.9899



88.6992, -49.9635, 12.1127



79.2881, -24.1976, -19.2003



44.1868, -6.4057, 2.5789



61.7328, -42.2771, 14.1035



18.8339, -12.5810, 3.6180



# Inverse Universe

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



59.8771, 49.8046, 7.4931



55.8049, 61.6628, 10.2114



65.3031, 31.2735, 24.9401



41.5949, 2.0294, 2.2036



33.1880, 57.5402, 15.9816

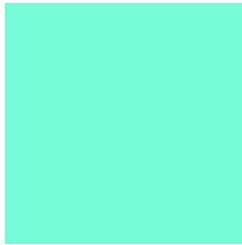


10.1830, 17.8165, 3.6514



# Previews

## White Background



This preview shows how the HunterLab color 87.8632, -43.9360, 9.9889 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

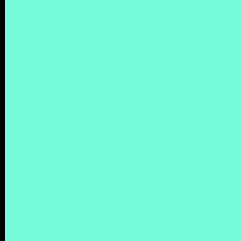
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8632, -43.9360, 9.9889 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

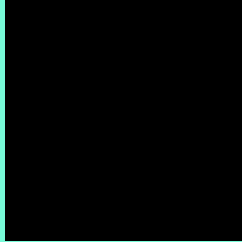
Any Text WCAG AA ✓ Pass

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 87.8632, -43.9360, 9.9889 Background



This preview shows how black text looks on a background with the HunterLab color 87.8632, -43.9360, 9.9889.



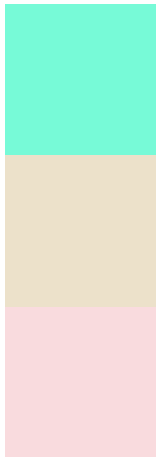
This preview shows how white text looks on a background with the HunterLab color 87.8632, -43.9360, 9.9889.

-43.9360, 9.9889.

# 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

87.8632, -43.9360, 9.9889

### Protanopia

87.1479, -4.6709, 15.6030

### Deuteranopia

87.2220, 6.1359, 6.8768



## Tritanopia

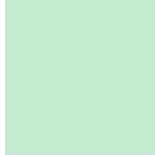
87.4815, -23.2916, -10.6219

# Trichromacy



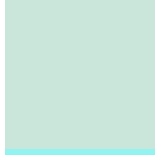
## Original Color

87.8632, -43.9360, 9.9889



## Protanomaly

86.4223, -21.7821, 12.3731



## Deuteranomaly

86.1769, -15.2623, 6.7262



## Tritanomaly

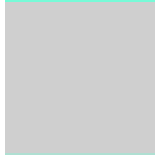
87.4662, -31.3680, -2.5345

# Monochromacy



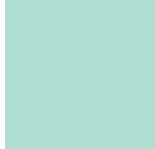
## Original Color

87.8632, -43.9360, 9.9889



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.5736, -20.8711, 5.5831

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8632, -43.9360, 9.9889 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(119, 250, 215)` looks like.

```
.text, #text, p{  
    color:rgb(119, 250, 215)  
}
```

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(119, 250, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 250, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8632, -43.9360, 9.9889 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(119, 250, 215) }
```



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

```
.border{ border-color:rgb(119, 250, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 250, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 250, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 250, 215);  
box-shadow:4px 4px 4px 4px rgb(119, 250,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8632, -43.9360, 9.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 250, 215) }
```

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

```
.background{ background-color: rgb(119,  
250, 215) }
```

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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