

# Converting Colors

HunterLab(86.5169, -41.0735,  
8.2756)

Have a look what the booklet for  
HunterLab(86.5169, -41.0735,  
8.2756) contains.

<b>HunterLab(86.6917, -41.2180, 8.2662)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(86.6917,  
-41.2180, 8.2662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF6D8
RGB	124, 246, 216
RGB Percent	49%, 96%, 85%
CMY	0.5137, 0.0353, 0.1529
CMYK	0.50, 0.00, 0.12, 0.04
HSL	165°, 87%, 73%
HSV	165°, 50%, 96%
XYZ	53.6626, 75.1545, 76.6437
YIQ	206.1020, -63.0820, -35.1940

# Conversions

## Conversions Part 2

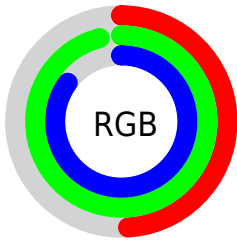
Format	Color
<a href="#">RYB</a>	<a href="#">124, 194, 246</a>
Decimal	<a href="#">8189656</a>
CIELab	<a href="#">89.47, -41.34, 3.93</a>
CIElCh	<a href="#">89, 41.527, 174.574</a>
Yxy	<a href="#">75.1575, 0.2612, 0.3658</a>
Android (android.graphics.Color)	<a href="#">4286379736 (0xFF7CF6D8)</a>
YUV	<a href="#">206.1020, 4.8797, -72.0035</a>
Hunter-Lab	<a href="#">86.6917, -41.2180, 8.2662</a>

# Details

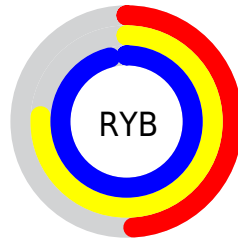
The HunterLab color **86.6917, -41.2180, 8.2662** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.2854, 45.6524, 7.8769**, and the grayscale version is **78.6070, -4.1943, 4.2709**.

A 20% lighter version of the original color is **94.2376, -26.0020, -1.9093**, and **63.2143, -35.6407, 6.7034** is the 20% darker color. If you saturate the color by 10%, you get **85.5806, -45.9502, 9.7098**, and if you desaturate by 10%, it is **88.0586, -35.5781, 7.0840**.

# Distribution



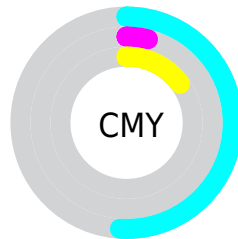
- Red (49%)
- Green (96%)
- Blue (85%)



- Red (49%)
- Yellow (76%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)




- Cyan (51%)
- Magenta (4%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6917, -41.2180, 8.2662 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 86.6917, -41.2180, 8.2662 by changing the saturation by 10% instead.





 86.6917, -41.2180,  
8.2662


 86.6917, -41.2180,  
8.2662


218.7370,  
-63.6743, 16.7856


 74.6605, -38.4579,  
7.4322


 112.4879,  
-46.5143, 10.0066

 63.2424, -35.5982,  
6.6204


 126.2007,  
-49.0740, 10.9103

 52.4742, -32.6150,  
5.8319


 140.4295,  
-51.5876, 11.8361

 42.3978, -29.4737,  
5.0664

155.1562,  
-54.0622, 12.7838

 33.0645, -26.1243,  
4.3229

170.3644,  
-56.5036, 13.7530

 24.5388, -22.4903,  
3.5992

186.0395,

 16.9061, -18.4471,

-58.9168, 14.7432

2.8908

202.1678,  
-61.3059, 15.7542

■ 10.2866, -18.0016,  
2.2059

0.0000, NaN, NaN

■ 86.6917, -41.2180,  
8.2662

■ 86.6917, -41.2180,  
8.2662

■ 85.5806, -45.9502,  
9.7098

■ 88.0586, -35.5781,  
7.0840

■ 84.7095, -49.7706,  
11.3850

■ 89.6821, -29.0555,  
6.1793

■ 84.0642, -52.7100,  
13.2589

■ 91.5656, -21.6994,  
5.5650

■ 83.6215, -54.8360,  
15.2897

■ 93.7076, -13.5732,  
5.2458

■ 83.3398, -56.3026,  
17.4170

■ 96.1034, -4.7504,  
5.2206

■ 83.3297, -56.3568,  
17.5032

■ 97.0677, -1.0272,  
3.3892

■ 97.1566, -0.5442,  
2.1234

# Harmonies

## Analogous

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



86.6934, -35.0912, 24.1326



86.6917, -41.2180, 8.2662



86.6934, -38.3263, -12.7889

# Triad

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



86.6934, -41.2188, 8.2673



86.6934, 12.7768, -37.8953



86.6934, 19.9932, 30.5099

# Complementary

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



86.6917, -41.2180, 8.2662



60.2854, 45.6524, 7.8769

# 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.



86.6934, 35.1561, 19.1981



86.6917, -41.2180, 8.2662



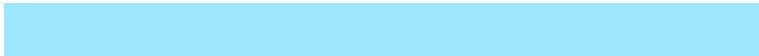
86.6934, 30.7202, -20.5792

# Square

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



86.6934, -41.2188, 8.2673



86.6934, -8.4093, -42.7886



86.6934, 39.2563, 1.0140



86.6934, -0.7856, 34.8700



# Rectangle

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



86.6917, -41.2180, 8.2662



86.6934, -31.5156, -26.7350



86.6934, 39.2563, 1.0140



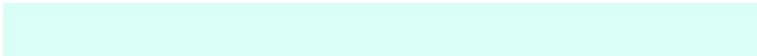
86.6934, 25.9917, 27.5467

# Sweetspot

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



86.6934, -41.2188, 8.2673



96.3651, -18.8350, 5.6069



86.1911, -47.2482, 39.1652



44.3688, -9.5301, 2.6310

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.6934, -41.2188, 8.2673



89.0921, -48.0952, 10.1996



77.3289, -21.3474, -19.5765



43.2251, -6.2166, 2.4183



60.8979, -41.0556, 12.5102



18.0987, -11.8989, 3.0645



# Inverse Universe

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



60.2854, 45.6524, 7.8769



57.1360, 58.3974, 10.6327



66.5785, 26.3469, 24.5041



40.6809, 1.9367, 2.2588



32.6396, 56.4952, 16.4477

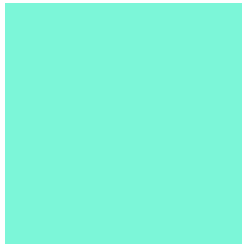


9.7571, 17.0462, 3.6936



# Previews

## White Background



This preview shows how the HunterLab color 86.6917, -41.2180, 8.2662 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

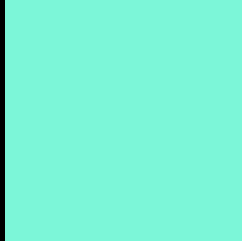
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6917, -41.2180, 8.2662 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 86.6917, -41.2180, 8.2662 Background



This preview shows how black text looks on a background with the HunterLab color 86.6917, -41.2180, 8.2662.



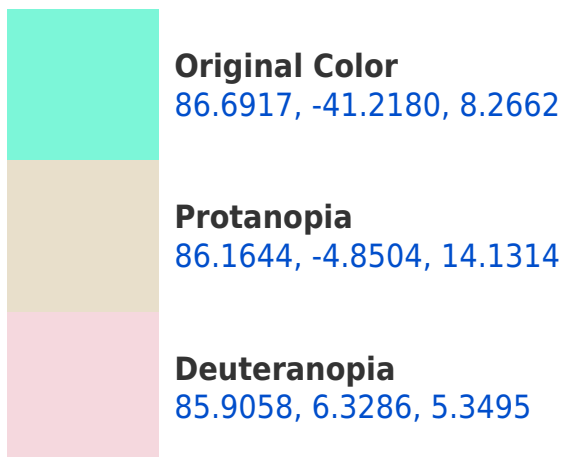
This preview shows how white text looks on a background with the HunterLab color 86.6917, -41.2180, 8.2662.

-41.2180, 8.2662.

# 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

86.5727, -24.9314, -11.8836

# Trichromacy



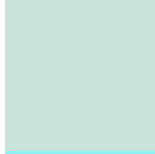
## Original Color

86.6917, -41.2180, 8.2662



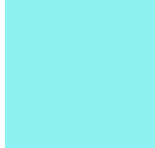
## Protanomaly

85.4654, -20.1708, 10.9122



## Deuteranomaly

85.1604, -13.8888, 5.0915



## Tritanomaly

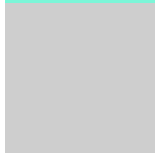
86.5588, -31.2175, -4.2118

# Monochromacy



## Original Color

86.6917, -41.2180, 8.2662



## Achromatopsia

78.5625, -4.1919, 4.2684



## Achromatomaly

80.9915, -19.6506, 4.9273

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6917, -41.2180, 8.2662 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(124, 246, 216)` looks like.

```
.text, #text, p{  
    color:rgb(124, 246, 216)  
}
```

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(124, 246, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 246, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6917, -41.2180, 8.2662 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(124, 246, 216) }
```



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

```
.border{ border-color:rgb(124, 246, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 246, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 246, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 246, 216);  
box-shadow:4px 4px 4px 4px rgb(124, 246,  
216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6917, -41.2180, 8.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 246, 216) }
```

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

```
.background{ background-color: rgb(124,  
246, 216) }
```

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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