

# Converting Colors

HunterLab(85.7488, -27.3525,  
-13.0562)

Have a look what the booklet for  
HunterLab(85.7488, -27.3525,  
-13.0562) contains.

<b>HunterLab(85.8908, -27.4742, -12.8627)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(85.8908,  
-27.4742, -12.8627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AEEFF
RGB	138, 238, 255
RGB Percent	54%, 93%, 100%
CMY	0.4588, 0.0667, 0.0000
CMYK	0.46, 0.07, 0.00, 0.00
HSL	189°, 100%, 77%
HSV	189°, 46%, 100%
XYZ	59.1057, 73.7723, 105.7320
YIQ	210.0380, -65.0570, -15.9130

# Conversions

## Conversions Part 2

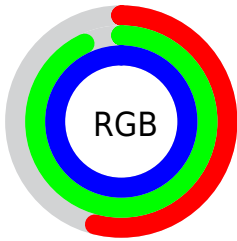
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 192, 255
Decimal	9105151
CIE Lab	88.82, -25.01, -17.33
CIE LCh	89, 30.432, 214.724
Yxy	73.7750, 0.2477, 0.3092
Android (android.graphics.Color)	4287295231 (0xFF8AEEFF)
YUV	210.0380, 22.1663, -63.1773
Hunter-Lab	85.8908, -27.4742, -12.8627

# Details

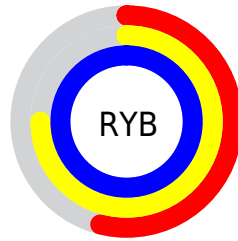
The HunterLab color **85.8908, -27.4742, -12.8627** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68.2189, 31.1991, 21.6831**, and the grayscale version is **80.2252, -4.2806, 4.3588**.

A 20% lighter version of the original color is **95.1895, -22.4982, -0.6662**, and **62.5722, -23.7409, -12.4825** is the 20% darker color. If you saturate the color by 10%, you get **83.4951, -30.0210, -16.2574**, and if you desaturate by 10%, it is **88.5385, -24.0525, -9.2183**.

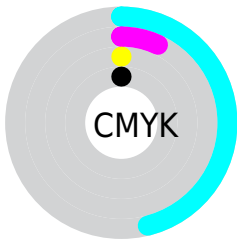
# Distribution



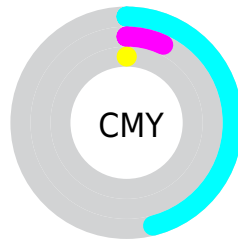
- Red (54%)
- Green (93%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8908, -27.4742, -12.8627 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 85.8908, -27.4742, -12.8627 by changing the saturation by 10% instead.



85.8908, -27.4742,  
-12.8627

85.8908, -27.4742,  
-12.8627

217.6457,  
-43.6476, -11.0487

73.8985, -25.5861,  
-12.8198

111.6140,  
-31.1635, -12.7771

62.5216, -23.6553,  
-12.7191

125.2926,  
-32.9761, -12.6595

51.7971, -21.6694,  
-12.5542

139.4884,  
-34.7739, -12.4951

41.7673, -19.6100,  
-12.3211

154.1832,  
-36.5606, -12.2863

32.4844, -17.4502,  
-12.0168

169.3606,  
-38.3390, -12.0354

24.0139, -15.1477,  
-11.6423

185.0056,

16.4430, -12.6314,

-40.1117, -11.7444

-11.2125

201.1049,  
-41.8807, -11.4149

■ 9.8949, -11.5964,  
-10.7958

0.0000, NaN, -NF

■ 85.8908, -27.4742,  
-12.8627

■ 85.8908, -27.4742,  
-12.8627

■ 83.4951, -30.0210,  
-16.2574

■ 88.5385, -24.0525,  
-9.2183

■ 81.3461, -31.6657,  
-19.3852

■ 91.4299, -19.7970,  
-5.3586

■ 79.4396, -32.4112,  
-22.2279

■ 94.5601, -14.7650,  
-1.3109

■ 77.7625, -32.2951,  
-24.7822

■ 97.9205, -9.0201,  
2.8960

■ 76.2906, -31.4049,  
-27.0653

100.0000, -5.3358,  
5.4332

■ 75.7230, -30.8934,  
-27.9571

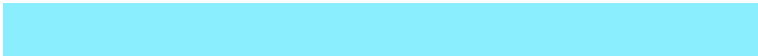
# Harmonies

## Analogous

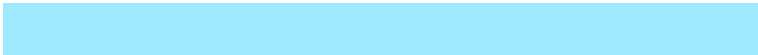
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8924, -32.0086, 2.3362



85.8908, -27.4742, -12.8627



85.8924, -16.8027, -24.7078

# Triad

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



85.8924, -27.4751, -12.8606



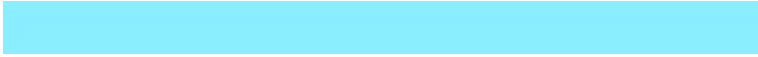
85.8924, 23.6950, -8.1658



85.8924, -6.9993, 28.1693

# Complementary

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



85.8908, -27.4742, -12.8627



68.2189, 31.1991, 21.6831

# 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.



85.8924, 8.3507, 26.3443



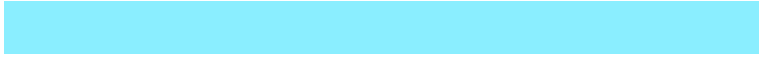
85.8908, -27.4742, -12.8627



85.8924, 26.7735, 6.9505

# Square

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



85.8924, -27.4751, -12.8606



85.8924, 12.8380, -21.6815



85.8924, 20.9797, 19.1501

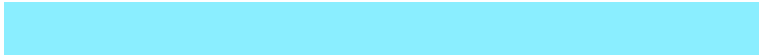


85.8924, -20.7260, 24.6591

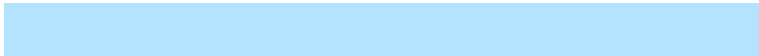


# Rectangle

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



85.8908, -27.4742, -12.8627



85.8924, -7.2786, -28.1567



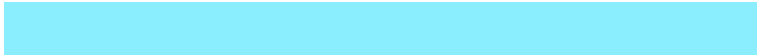
85.8924, 20.9797, 19.1501



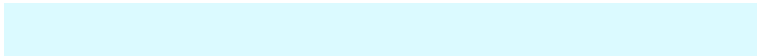
85.8924, -1.8631, 28.1530

# Sweetspot

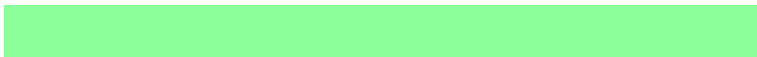
The Sweet Spot groups the original color and five complimentary colors.



85.8924, -27.4751, -12.8606



95.1747, -13.7371, -0.5311



89.0189, -51.4290, 33.7055



43.7062, -6.9001, -0.6595

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

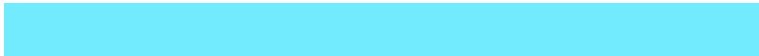


# Same Dimension

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



85.8924, -27.4751, -12.8606



83.6961, -29.8329, -15.9689



67.5515, 0.7899, -41.3984



44.7270, -5.1725, 0.6268



54.8936, -22.5361, -19.9632



17.4682, -7.4720, -5.7040



# Inverse Universe

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



67.5364, 55.6224, -28.4253



62.8021, 67.1225, -34.0609



83.8052, 1.1520, 34.6481



42.7227, 3.2509, -0.8455



37.1078, 70.7194, -31.6106

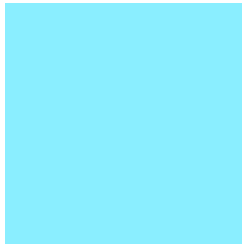


11.6301, 22.2466, -10.5447



# Previews

## White Background



This preview shows how the HunterLab color 85.8908, -27.4742, -12.8627 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

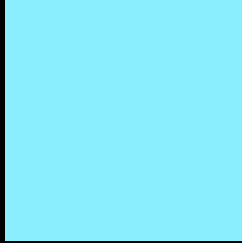
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8908, -27.4742, -12.8627 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 85.8908, -27.4742, -12.8627 Background



This preview shows how black text looks on a background with the HunterLab color 85.8908, -27.4742, -12.8627.



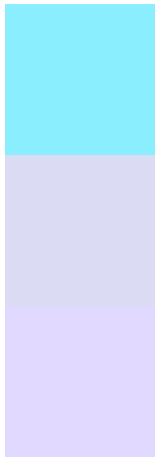
This preview shows how white text looks on a background with the HunterLab color 85.8908, -27.4742, -12.8627.

-27.4742, -12.8627.

# 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

85.8908, -27.4742, -12.8627

### Protanopia

85.3101, -0.4506, -6.9233

### Deuteranopia

85.3541, 5.2061, -13.0319



## Tritanopia

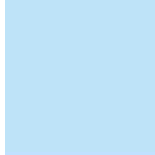
85.9116, -25.6591, -12.8023

# Trichromacy



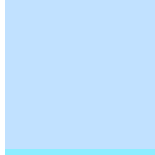
## Original Color

85.8908, -27.4742, -12.8627



## Protanomaly

85.2424, -11.7063, -9.4483



## Deuteranomaly

85.0928, -8.4340, -13.6336



## Tritanomaly

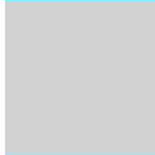
85.7550, -26.2431, -13.0283

# Monochromacy



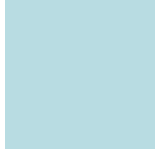
## Original Color

85.8908, -27.4742, -12.8627



## Achromatopsia

80.2795, -4.2835, 4.3617



## Achromatomaly

81.7727, -14.1206, -2.0283

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8908, -27.4742, -12.8627 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(138, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 238, 255)  
}
```

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(138, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 238, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8908, -27.4742, -12.8627 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(138, 238, 255) }
```



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

```
.border{ border-color:rgb(138, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(138, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 238,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8908, -27.4742, -12.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 238, 255) }
```

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

```
.background{ background-color: rgb(138,  
238, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor