

# Converting Colors

HunterLab(88.5172, 0.1338,  
-60.8147)

Have a look what the booklet for  
HunterLab(88.5172, 0.1338,  
-60.8147) contains.

<b>HunterLab(85.0084, -18.7126, -13.9309)</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(85.0084,  
-18.7126, -13.9309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E7FF
RGB	164, 231, 255
RGB Percent	64%, 91%, 100%
CMY	0.3568, 0.0941, 0.0000
CMYK	0.36, 0.09, 0.00, 0.00
HSL	196°, 100%, 82%
HSV	196°, 36%, 100%
XYZ	61.9357, 72.2643, 105.2917
YIQ	213.7030, -47.6360, -6.7400

# Conversions

## Conversions Part 2

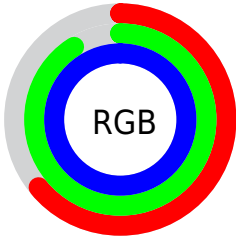
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 203, 255</a>
Decimal	<a href="#">10807295</a>
CIELab	<a href="#">88.10, -15.21, -18.30</a>
CIELCh	<a href="#">88, 23.793, 230.272</a>
Yxy	<a href="#">72.2670, 0.2586, 0.3017</a>
Android (android.graphics.Color)	<a href="#">4288997375</a> <a href="#">(0xFFA4E7FF)</a>
YUV	<a href="#">213.7030, 20.3594, -43.5895</a>
Hunter-Lab	<a href="#">85.0084, -18.7126, -13.9309</a>

# Details

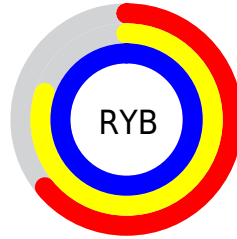
The HunterLab color **85.0084, -18.7126, -13.9309** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3995, 16.5867, 21.0779**, and the grayscale version is **81.8057, -4.3649, 4.4447**.

A 20% lighter version of the original color is **97.0114, -15.8939, 1.6788**, and **61.5835, -15.8673, -13.7667** is the 20% darker color. If you saturate the color by 10%, you get **81.3192, -20.8218, -19.2347**, and if you desaturate by 10%, it is **88.9351, -15.8290, -8.5475**.

# Distribution



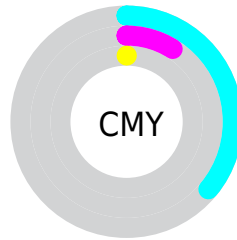
- Red (64%)
- Green (91%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0084, -18.7126, -13.9309 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 85.0084, -18.7126, -13.9309 by changing the saturation by 10% instead.



85.0084, -18.7126,  
-13.9309

85.0084, -18.7126,  
-13.9309

216.4418,  
-31.2231, -12.4165

73.0595, -17.3284,  
-13.8508

110.6508,  
-21.4706, -13.9174

61.7282, -15.9325,  
-13.7122

124.2915,  
-22.8486, -13.8345

51.0521, -14.5193,  
-13.5090

138.4507,  
-24.2294, -13.7041

41.0742, -13.0793,  
-13.2379

153.1102,  
-25.6146, -13.5285

31.8473, -11.5981,  
-12.8970

168.2534,  
-27.0056, -13.3101

23.4383, -10.0532,  
-12.4903

183.8653,

15.9363, -8.4055,

-28.4035, -13.0508

-12.0405

199.9323,  
-29.8091, -12.7523

■ 9.4680, -7.5053,  
-11.6406

0.0000, NaN, -NF

■ 85.0084, -18.7126,  
-13.9309

■ 85.0084, -18.7126,  
-13.9309

■ 81.3192, -20.8218,  
-19.2347

■ 88.9351, -15.8290,  
-8.5475

■ 77.8739, -22.0909,  
-24.4317

■ 93.0816, -12.2356,  
-3.1198

■ 74.6827, -22.4706,  
-29.4826

■ 97.4365, -8.0023,  
2.3312

■ 71.7500, -21.9328,  
-34.3503

100.0000, -5.3358,  
5.4332

■ 69.0727, -20.4840,  
-39.0049

■ 66.6360, -18.1850,  
-43.4357

■ 65.6370, -17.0141,  
-45.3120

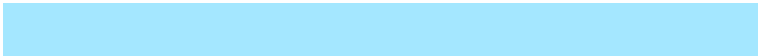
# Harmonies

## Analogous

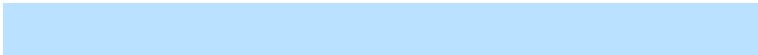
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0100, -25.0106, -3.2878



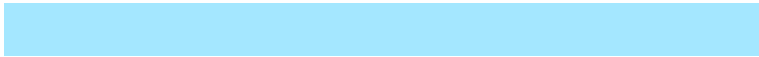
85.0084, -18.7126, -13.9309



85.0100, -8.3827, -19.8185

# Triad

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



85.0100, -18.7137, -13.9287



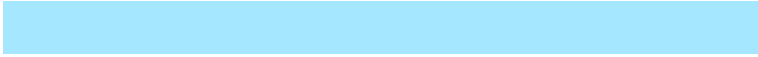
85.0100, 19.2765, 0.8562



85.0100, -12.3451, 22.6610

# Complementary

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



85.0084, -18.7126, -13.9309



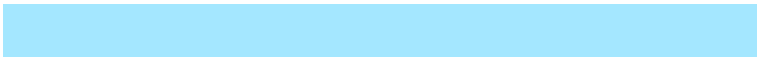
77.3995, 16.5867, 21.0779

# 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.



85.0100, -0.6288, 23.4513



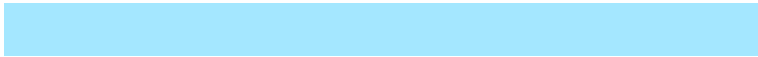
85.0084, -18.7126, -13.9309



85.0100, 18.0710, 11.8477

# Square

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



85.0100, -18.7137, -13.9287



85.0100, 13.8352, -10.5381



85.0100, 10.6268, 19.7604

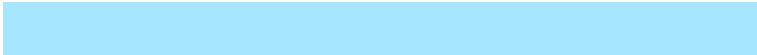


85.0100, -21.4768, 17.4288



# Rectangle

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



85.0084, -18.7126, -13.9309



85.0100, -0.4101, -19.7724



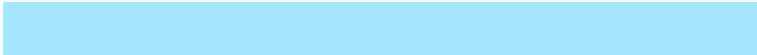
85.0100, 10.6268, 19.7604



85.0100, -8.5935, 23.4241

# Sweetspot

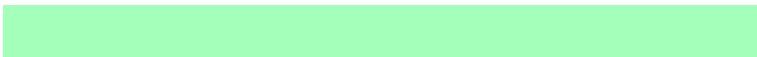
The Sweet Spot groups the original color and five complimentary colors.



85.0100, -18.7137, -13.9287



95.0967, -10.3280, -0.5678



91.0990, -41.8316, 24.8946



43.7241, -5.0401, -0.6046

0.0000, NaN, NaN

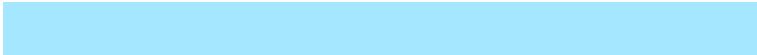


46.2646, -2.4686, 2.5136

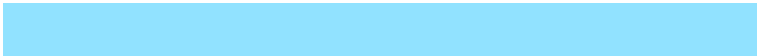


# Same Dimension

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



85.0100, -18.7137, -13.9287



82.2864, -20.3358, -17.8194



71.0977, 3.8185, -35.0186



44.2980, -4.4833, 0.1145



47.7162, -12.6910, -32.2448



15.4773, -4.7991, -8.9855



# Inverse Universe

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



73.1998, 40.0141, -15.4317



68.6393, 49.3280, -19.0450



90.4406, -6.5581, 32.5882



42.6776, 3.0093, -0.2045



36.0922, 67.1219, -17.8637

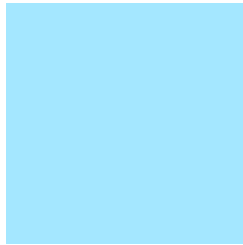


11.3418, 21.2284, -6.6644



# Previews

## White Background



This preview shows how the HunterLab color 85.0084, -18.7126, -13.9309 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

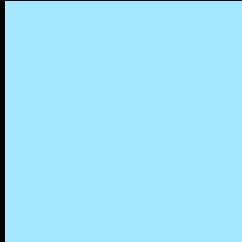
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.0084, -18.7126, -13.9309 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 85.0084, -18.7126, -13.9309 Background



This preview shows how black text looks on a background with the HunterLab color 85.0084, -18.7126, -13.9309.



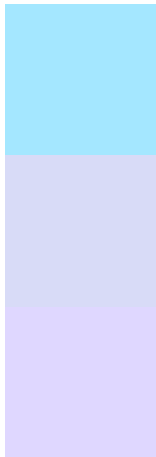
This preview shows how white text looks on a background with the HunterLab color 85.0084, -18.7126, -13.9309.

-18.7126, -13.9309.

# 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

85.0084, -18.7126, -13.9309

### Protanopia

84.8395, -0.2675, -9.2227

### Deuteranopia

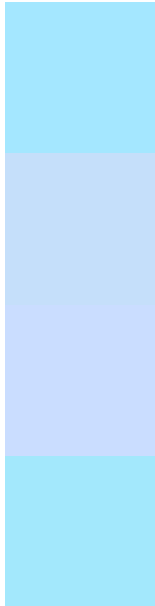
84.5629, 5.6468, -14.1267



## Tritanopia

85.0893, -20.4872, -10.9471

# Trichromacy



## Original Color

85.0084, -18.7126, -13.9309

## Protanomaly

84.5859, -7.3352, -11.4021

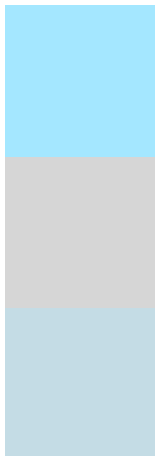
## Deuteranomaly

84.5514, -3.8510, -14.3090

## Tritanomaly

85.1634, -20.0676, -11.9901

# Monochromacy



## Original Color

85.0084, -18.7126, -13.9309

## Achromatopsia

82.0026, -4.3755, 4.4554

## Achromatomaly

82.8126, -10.2031, -2.2226

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.0084, -18.7126, -13.9309 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(164, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 231, 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(164, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 231, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.0084, -18.7126, -13.9309 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(164, 231, 255) }
```



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

```
.border{ border-color:rgb(164, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.0084, -18.7126, -13.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 231, 255) }
```

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

```
.background{ background-color: rgb(164,  
231, 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](#).

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