

Converting Colors

HunterLab(85.3003, -10.0457,
-38.4259)

Have a look what the booklet for
HunterLab(85.3003, -10.0457,
-38.4259) contains.

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Color

**HunterLab(83.5313,
-19.0248, -16.0135)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE4FF
RGB	156, 228, 255
RGB Percent	61%, 89%, 100%
CMY	0.3882, 0.1059, 0.0000
CMYK	0.39, 0.11, 0.00, 0.00
HSL	196°, 100%, 81%
HSV	196°, 39%, 100%
XYZ	59.5038, 69.7748, 104.9395
YIQ	209.5500, -51.5790, -6.8670

Conversions

Conversions Part 2

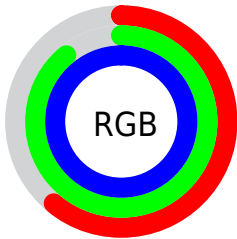
Format	Color
R _Y B	156, 198, 255
Decimal	10282239
CIE Lab	86.89, -15.74, -20.16
CIE LCh	87, 25.582, 232.017
Yxy	69.7774, 0.2541, 0.2979
Android (android.graphics.Color)	4288472319 (0xFF9CE4FF)
YUV	209.5500, 22.4069, -46.9633
Hunter-Lab	83.5313, -19.0248, -16.0135

Details

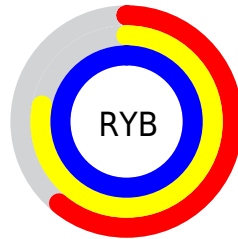
The HunterLab color **83.5313, -19.0248, -16.0135** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **75.8469, 18.2981, 22.4687**, and the grayscale version is **80.0103, -4.2691, 4.3471**.

A 20% lighter version of the original color is **96.4552, -17.8959, 0.9676**, and **60.5588, -16.3956, -15.2777** is the 20% darker color. If you saturate the color by 10%, you get **79.8406, -20.7745, -21.4224**, and if you desaturate by 10%, it is **87.4628, -16.4833, -10.5279**.

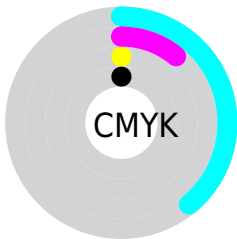
Distribution



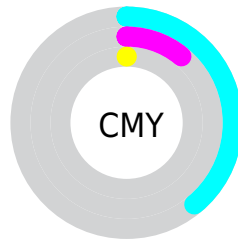
- Red (61%)
- Green (89%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5313, -19.0248, -16.0135 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 83.5313, -19.0248, -16.0135 by changing the saturation by 10% instead.

83.5313, -19.0248,
-16.0135

83.5313, -19.0248,
-16.0135

214.4220,
-31.7301, -15.0640

71.6555, -17.6121,
-15.8641

109.0373,
-21.8340, -16.1348

60.4014, -16.1854,
-15.6555

122.6139,
-23.2354, -16.1174

49.8073, -14.7383,
-15.3824

136.7114,
-24.6385, -16.0510

39.9172, -13.2603,
-15.0430

151.3113,
-26.0449, -15.9381

30.7853, -11.7357,
-14.6385

166.3968,
-27.4562, -15.7810

22.4807, -10.1393,
-14.1804

181.9528,

15.0960, -8.4272,

-28.8736, -15.5817

-13.7100

197.9654,
-30.2980, -15.3422

■ 8.7321, -8.3230,
-13.4767

0.0000, NaN, -NF

■ 83.5313, -19.0248,
-16.0135

■ 83.5313, -19.0248,
-16.0135

■ 79.8406, -20.7745,
-21.4224

■ 87.4628, -16.4833,
-10.5279

■ 76.3973, -21.6681,
-26.7263

■ 91.6175, -13.2148,
-5.0021

■ 73.2112, -21.6602,
-31.8848

■ 95.9836, -9.2898,
0.5419

■ 70.2855, -20.7291,
-36.8606

100.0000, -5.3358,
5.4332

■ 67.6150, -18.8935,
-41.6259

■ 65.1734, -16.2608,
-46.1923

■ 64.8934, -15.9264,
-46.7305

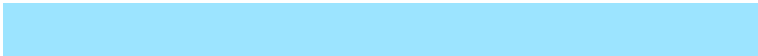
Harmonies

Analogous

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



83.5329, -26.0042, -4.6805



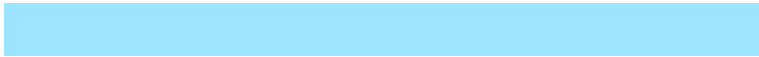
83.5313, -19.0248, -16.0135



83.5329, -7.8406, -22.0141

Triad

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



83.5329, -19.0258, -16.0113



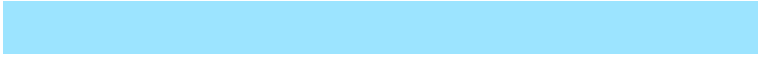
83.5329, 21.2401, 1.2414



83.5329, -13.4582, 23.4131

Complementary

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



83.5313, -19.0248, -16.0135



75.8469, 18.2981, 22.4687

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.



83.5329, -1.0280, 24.5087



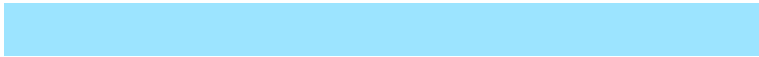
83.5313, -19.0248, -16.0135



83.5329, 19.5129, 12.8286

Square

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



83.5329, -19.0258, -16.0113



83.5329, 15.7614, -11.1234



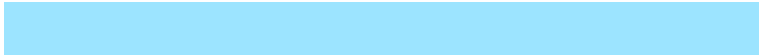
83.5329, 11.1743, 20.9247



83.5329, -22.9267, 17.6685

Rectangle

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



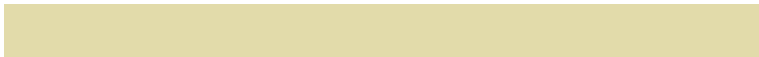
83.5313, -19.0248, -16.0135



83.5329, 0.7061, -21.6422



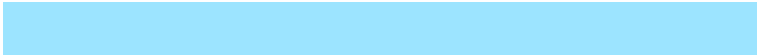
83.5329, 11.1743, 20.9247



83.5329, -9.5066, 24.2987

Sweetspot

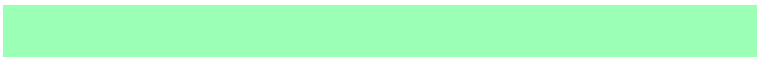
The Sweet Spot groups the original color and five complimentary colors.



83.5329, -19.0258, -16.0113



94.5739, -10.6042, -1.2209



90.5442, -44.1962, 25.8962



43.4889, -5.1478, -0.9000

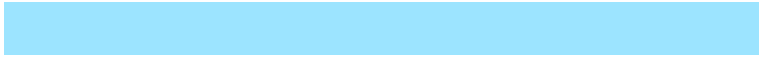
0.0000, NaN, NaN



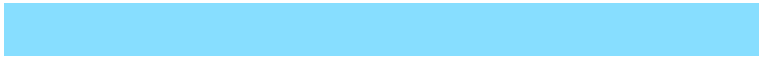
46.2646, -2.4686, 2.5136

Same Dimension

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



83.5329, -19.0258, -16.0113



80.4950, -20.5179, -20.4435



68.2422, 5.8725, -40.0434



44.2655, -4.4309, 0.0755



47.1866, -11.9201, -33.2471



15.3297, -4.5909, -9.2504

Inverse Universe

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



71.1618, 43.8619, -16.5387



66.2728, 54.1180, -20.2410



90.1765, -7.2322, 34.7588



42.6742, 2.9911, -0.1561



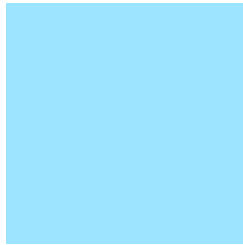
36.0218, 66.8710, -16.8977



11.3216, 21.1563, -6.3882

Previews

White Background



This preview shows how the HunterLab color 83.5313, -19.0248, -16.0135 looks on a white background.

Color Contrast Check

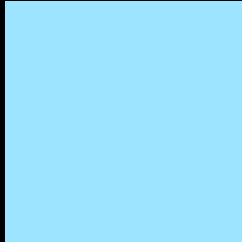
Large Text (above 18pt) WCAG AA × Fail

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 83.5313, -19.0248, -16.0135 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

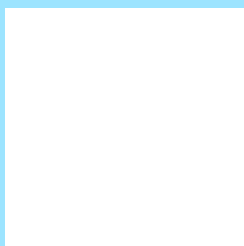
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 83.5313, -19.0248, -16.0135 Background



This preview shows how black text looks on a background with the HunterLab color 83.5313, -19.0248, -16.0135.



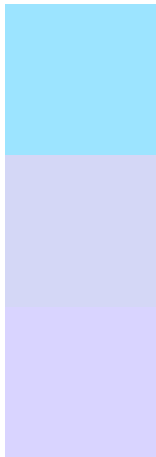
This preview shows how white text looks on a background with the HunterLab color 83.5313, -19.0248, -16.0135.

-19.0248, -16.0135.

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

83.5313, -19.0248, -16.0135

Protanopia

83.2176, 0.4129, -10.8338

Deuteranopia

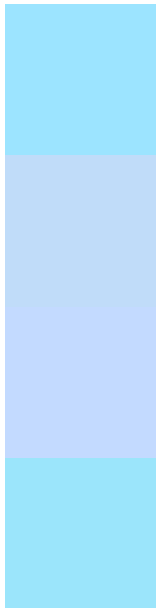
83.1016, 5.3789, -16.1983



Tritanopia

83.4781, -21.4482, -12.0114

Trichromacy



Original Color

83.5313, -19.0248, -16.0135

Protanomaly

83.2060, -7.3896, -12.7204

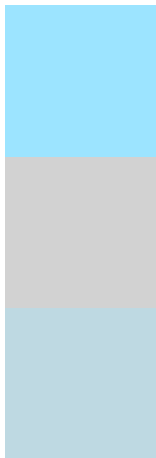
Deuteranomaly

83.0451, -4.2679, -16.4478

Tritanomaly

83.6494, -20.5938, -13.5053

Monochromacy



Original Color

83.5313, -19.0248, -16.0135

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

81.2797, -10.9651, -2.5933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5313, -19.0248, -16.0135 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(156, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 228, 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(156, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 228, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5313, -19.0248, -16.0135 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(156, 228, 255) }
```


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

```
.border{ border-color:rgb(156, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 228,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5313, -19.0248, -16.0135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 228, 255) }
```

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

```
.background{ background-color: rgb(156,  
228, 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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