

Converting Colors

HunterLab(83.3528, -18.1208,
-16.2513)

Have a look what the booklet for
HunterLab(83.3528, -18.1208,
-16.2513) contains.

HunterLab(83.3230, -18.0942, -16.2934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.3230,
-18.0942, -16.2934)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE3FF
RGB	158, 227, 255
RGB Percent	62%, 89%, 100%
CMY	0.3804, 0.1098, 0.0000
CMYK	0.38, 0.11, 0.00, 0.00
HSL	197°, 100%, 81%
HSV	197°, 38%, 100%
XYZ	59.6196, 69.4272, 104.8663
YIQ	209.5610, -50.1120, -5.9200

Conversions

Conversions Part 2

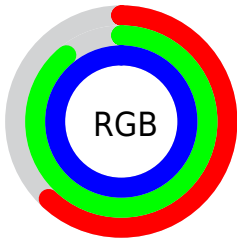
Format	Color
RYB	158, 198, 255
Decimal	10413055
CIELab	86.72, -14.73, -20.41
CIElCh	87, 25.172, 234.187
Yxy	69.4298, 0.2549, 0.2968
Android (android.graphics.Color)	4288603135 (0xFF9EE3FF)
YUV	209.5610, 22.4014, -45.2190
Hunter-Lab	83.3230, -18.0942, -16.2934

Details

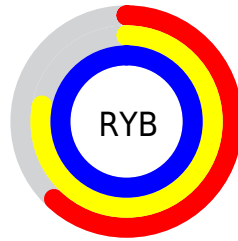
The HunterLab color **83.3230, -18.0942, -16.2934** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.7116, 16.9352, 22.5629**, and the grayscale version is **80.0145, -4.2694, 4.3473**.

A 20% lighter version of the original color is **96.6121, -17.3302, 1.1686**, and **60.3383, -15.5848, -15.5906** is the 20% darker color. If you saturate the color by 10%, you get **79.4770, -19.7255, -21.9496**, and if you desaturate by 10%, it is **87.4084, -15.6818, -10.5872**.

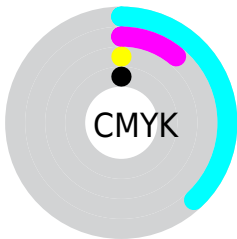
Distribution



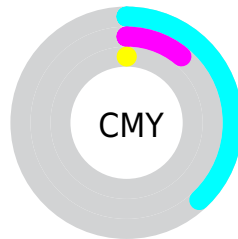
- Red (62%)
- Green (89%)
- Blue (100%)



- Red (62%)
- Yellow (78%)
- Blue (100%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3230, -18.0942, -16.2934 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 83.3230, -18.0942, -16.2934 by changing the saturation by 10% instead.

83.3230, -18.0942,
-16.2934

83.3230, -18.0942,
-16.2934

214.1368,
-30.4222, -15.4191

71.4576, -16.7332,
-16.1349

108.8096,
-20.8077, -16.4326

60.2145, -15.3613,
-15.9171

122.3771,
-22.1644, -16.4239

49.6320, -13.9729,
-15.6350

136.4659,
-23.5245, -16.3660

39.7544, -12.5582,
-15.2867

151.0573,
-24.8896, -16.2614

30.6360, -11.1029,
-14.8744

166.1347,
-26.2609, -16.1125

22.3463, -9.5836,
-14.4104

181.6827,

14.9783, -7.9599,

-27.6396, -15.9213

-13.9393

197.6876,
-29.0265, -15.6896

■ 8.6230, -7.9037,
-13.7552

0.0000, NaN, -NF

■ 83.3230, -18.0942,
-16.2934

■ 83.3230, -18.0942,
-16.2934

■ 79.4770, -19.7255,
-21.9496

■ 87.4084, -15.6818,
-10.5872

■ 75.8782, -20.5080,
-27.5282

■ 91.7148, -12.5552,
-4.8657

■ 72.5381, -20.3907,
-32.9883

■ 96.2296, -8.7858,
0.8517

■ 69.4620, -19.3453,
-38.2899

100.0000, -5.3358,
5.4332

■ 66.6474, -17.3819,
-43.4003

■ 64.0739, -14.5862,
-48.3175

■ 63.5847, -13.9868,
-49.2819

Harmonies

Analogous

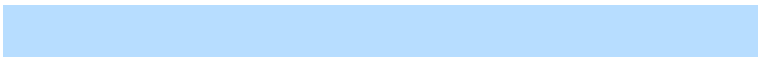
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3246, -25.3247, -5.4201



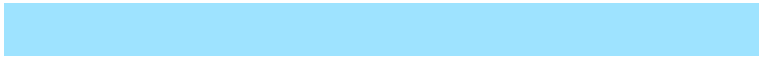
83.3230, -18.0942, -16.2934



83.3246, -6.8785, -21.6624

Triad

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



83.3246, -18.0952, -16.2912



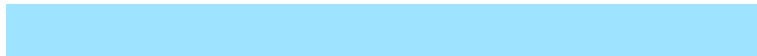
83.3246, 20.9200, 2.1789



83.3246, -14.1012, 22.8635

Complementary

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



83.3230, -18.0942, -16.2934



76.7116, 16.9352, 22.5629

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.



83.3246, -1.9943, 24.2801



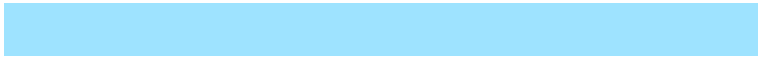
83.3230, -18.0942, -16.2934



83.3246, 18.7053, 13.3967

Square

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



83.3246, -18.0952, -16.2912



83.3246, 16.0181, -10.0331



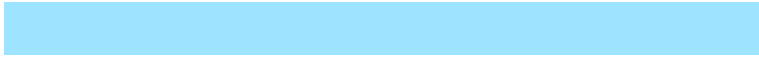
83.3246, 10.1331, 21.0745



83.3246, -23.1160, 16.8717

Rectangle

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



83.3230, -18.0942, -16.2934



83.3246, 1.5419, -20.9071



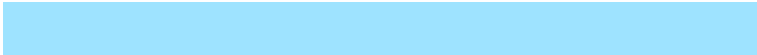
83.3246, 10.1331, 21.0745



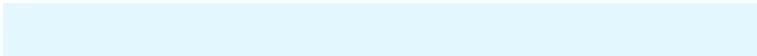
83.3246, -10.2781, 23.8495

Sweetspot

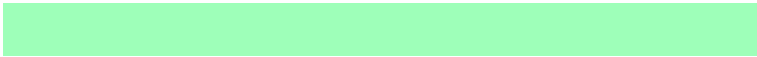
The Sweet Spot groups the original color and five complimentary colors.



83.3246, -18.0952, -16.2912



94.8712, -9.9654, -0.8406



90.7265, -43.3413, 24.9751



43.6068, -4.8522, -0.7475

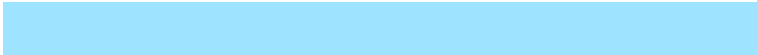
0.0000, NaN, NaN



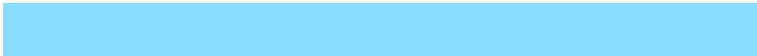
46.2646, -2.4686, 2.5136

Same Dimension

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



83.3246, -18.0952, -16.2912



80.2411, -19.4601, -20.8019



68.3650, 6.4078, -39.8108



44.2080, -4.3379, 0.0064



46.2545, -10.5456, -35.0492



15.0695, -4.2200, -9.7257

Inverse Universe

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



71.5971, 42.5748, -15.3202



66.7676, 52.5354, -18.7729



90.8655, -8.0861, 34.7411



42.6682, 2.9589, -0.0706



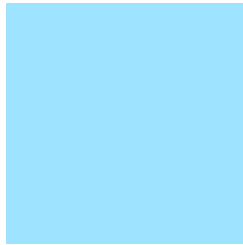
35.8996, 66.4343, -15.2149



11.2862, 21.0306, -5.9055

Previews

White Background



This preview shows how the HunterLab color 83.3230, -18.0942, -16.2934 looks on a white background.

Color Contrast Check

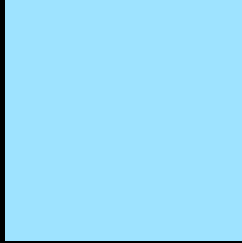
Large Text (above 18pt) WCAG AA × Fail

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 83.3230, -18.0942, -16.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

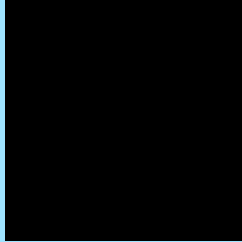
Any Text WCAG AA ✓ Pass

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 83.3230, -18.0942, -16.2934 Background



This preview shows how black text looks on a background with the HunterLab color 83.3230, -18.0942, -16.2934.



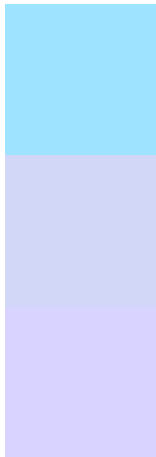
This preview shows how white text looks on a background with the HunterLab color 83.3230,

-18.0942, -16.2934.

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

83.3230, -18.0942, -16.2934

Protanopia

83.1656, 0.3089, -11.4818

Deuteranopia

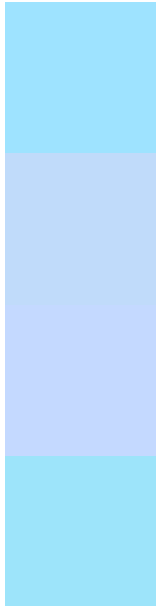
83.1016, 5.3789, -16.1983



Tritanopia

83.2287, -20.7385, -11.7638

Trichromacy



Original Color

83.3230, -18.0942, -16.2934

Protanomaly

82.9287, -6.6685, -13.6785

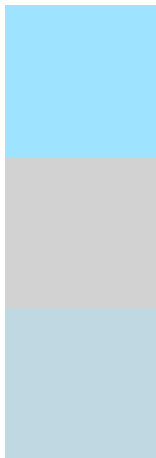
Deuteranomaly

82.8139, -3.4679, -16.7648

Tritanomaly

83.4009, -19.8827, -13.2528

Monochromacy



Original Color

83.3230, -18.0942, -16.2934

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

81.0426, -10.1803, -2.8792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3230, -18.0942, -16.2934 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(158, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 227, 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(158, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 227, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3230, -18.0942, -16.2934 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(158, 227, 255) }
```


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

```
.border{ border-color:rgb(158, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 227,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3230, -18.0942, -16.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 227, 255) }
```

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

```
.background{ background-color: rgb(158,  
227, 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