

Converting Colors

HunterLab(82.8787, -18.9678,
-16.9433)

Have a look what the booklet for
HunterLab(82.8787, -18.9678,
-16.9433) contains.

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Color

**HunterLab(83.0244,
-19.1841, -16.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	99E3FF
RGB	153, 227, 255
RGB Percent	60%, 89%, 100%
CMY	0.4000, 0.1098, 0.0000
CMYK	0.40, 0.11, 0.00, 0.00
HSL	196°, 100%, 80%
HSV	196°, 40%, 100%
XYZ	58.6560, 68.9305, 104.8212
YIQ	208.0660, -53.0920, -6.9800

Conversions

Conversions Part 2

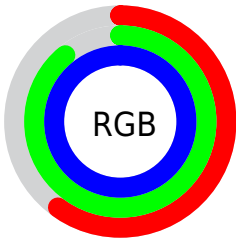
Format	Color
R _Y B	153, 196, 255
Decimal	10085375
CIE Lab	86.47, -15.99, -20.81
CIE LCh	86, 26.241, 232.460
Yxy	68.9331, 0.2524, 0.2966
Android (android.graphics.Color)	4288275455 (0xFF99E3FF)
YUV	208.0660, 23.1385, -48.2929
Hunter-Lab	83.0244, -19.1841, -16.7386

Details

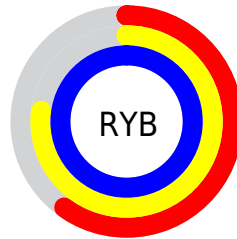
The HunterLab color **83.0244, -19.1841, -16.7386** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **75.2383, 19.0178, 22.9441**, and the grayscale version is **79.3703, -4.2350, 4.3123**.

A 20% lighter version of the original color is **96.2231, -18.7351, 0.6696**, and **60.0575, -16.6214, -16.0271** is the 20% darker color. If you saturate the color by 10%, you get **79.3472, -20.8157, -22.1641**, and if you desaturate by 10%, it is **86.9438, -16.7534, -11.2352**.

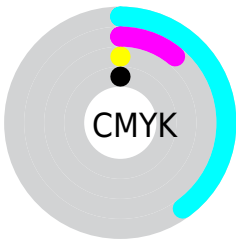
Distribution



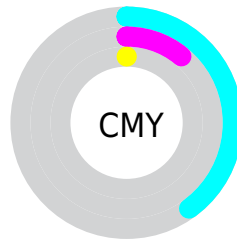
- Red (60%)
- Green (89%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0244, -19.1841, -16.7386 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 83.0244, -19.1841, -16.7386 by changing the saturation by 10% instead.

83.0244, -19.1841,
-16.7386

83.0244, -19.1841,
-16.7386

213.7276,
-31.9795, -15.9821

71.1739, -17.7584,
-16.5658

108.4832,
-22.0168, -16.9057

59.9465, -16.3176,
-16.3338

122.0376,
-23.4291, -16.9106

49.3808, -14.8551,
-16.0376

136.1138,
-24.8424, -16.8661

39.5212, -13.3600,
-15.6758

150.6931,
-26.2586, -16.7746

30.4222, -11.8159,
-15.2514

165.7587,
-27.6794, -16.6385

22.1539, -10.1966,
-14.7787

181.2954,

14.8100, -8.4561,

-29.1058, -16.4598

-14.3074

197.2893,
-30.5389, -16.2404

■ 8.4639, -8.6838,
-14.2099

0.0000, NaN, -NF

■ 83.0244, -19.1841,
-16.7386

■ 83.0244, -19.1841,
-16.7386

■ 79.3472, -20.8157,
-22.1641

■ 86.9438, -16.7534,
-11.2352

■ 75.9185, -21.5853,
-27.4829

■ 91.0879, -13.5884,
-5.6910

■ 72.7480, -21.4490,
-32.6543

■ 95.4448, -9.7597,
-0.1282

■ 69.8383, -20.3887,
-37.6412

100.0000, -5.3358,
5.4332

■ 67.1831, -18.4282,
-42.4173

■ 64.7467, -15.7106,
-47.0129

■ 64.7463, -15.7101,
-47.0137

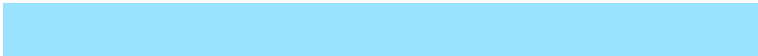
Harmonies

Analogous

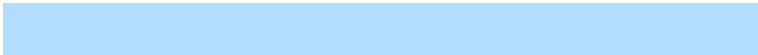
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0260, -26.3860, -5.1327



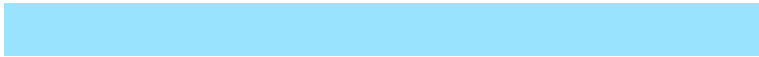
83.0244, -19.1841, -16.7386



83.0260, -7.7031, -22.8148

Triad

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



83.0260, -19.1851, -16.7364



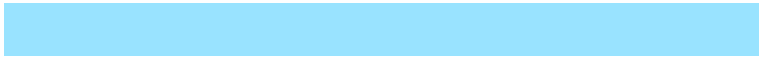
83.0260, 21.9497, 1.3241



83.0260, -13.8103, 23.6998

Complementary

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



83.0244, -19.1841, -16.7386



75.2383, 19.0178, 22.9441

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.



83.0260, -1.1145, 24.8808



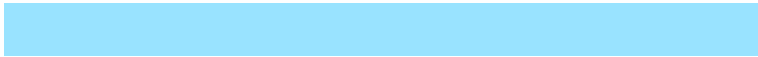
83.0244, -19.1841, -16.7386



83.0260, 20.0648, 13.1358

Square

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



83.0260, -19.1851, -16.7364



83.0260, 16.4259, -11.3896



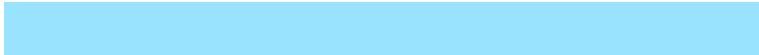
83.0260, 11.4236, 21.3143



83.0260, -23.4192, 17.7943

Rectangle

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



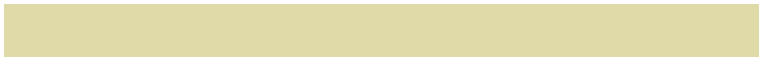
83.0244, -19.1841, -16.7386



83.0260, 1.0524, -22.3470



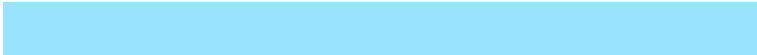
83.0260, 11.4236, 21.3143



83.0260, -9.7825, 24.6212

Sweetspot

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



83.0260, -19.1851, -16.7364



94.5563, -10.5760, -1.2423



90.3307, -45.1330, 26.4580



43.4798, -5.1333, -0.9110

0.0000, NaN, NaN



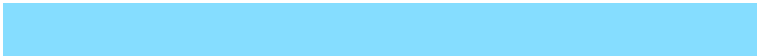
46.2646, -2.4686, 2.5136

Same Dimension

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



83.0260, -19.1851, -16.7364



80.0626, -20.5570, -21.0870



67.3494, 6.3636, -41.6747



44.2591, -4.4205, 0.0678



47.0819, -11.7668, -33.4471



15.3005, -4.5495, -9.3032

Inverse Universe

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



70.4203, 45.3214, -17.0030



65.7021, 55.3048, -20.5315



89.9024, -7.1822, 35.3953



42.6735, 2.9875, -0.1465



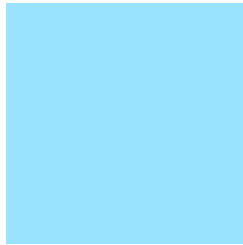
36.0080, 66.8216, -16.7075



11.3176, 21.1421, -6.3337

Previews

White Background



This preview shows how the HunterLab color 83.0244, -19.1841, -16.7386 looks on a white background.

Color Contrast Check

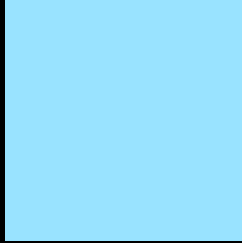
Large Text (above 18pt) WCAG AA × Fail

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 83.0244, -19.1841, -16.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

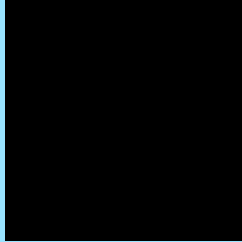
Any Text WCAG AA ✓ Pass

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 83.0244, -19.1841, -16.7386 Background



This preview shows how black text looks on a background with the HunterLab color 83.0244, -19.1841, -16.7386.



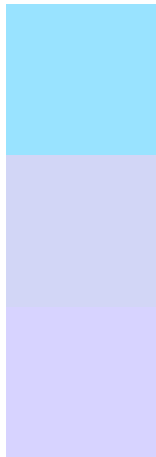
This preview shows how white text looks on a background with the HunterLab color 83.0244, -19.1841, -16.7386.

-19.1841, -16.7386.

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

83.0244, -19.1841, -16.7386

Protanopia

82.7337, 0.3301, -11.4968

Deuteranopia

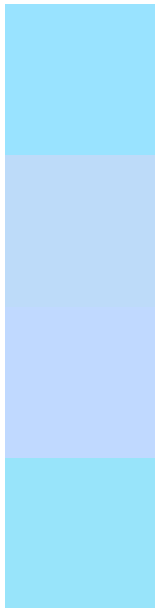
82.6169, 5.2963, -16.8943



Tritanopia

82.9346, -21.8210, -12.1862

Trichromacy



Original Color

83.0244, -19.1841, -16.7386

Protanomaly

82.6568, -7.6990, -13.4886

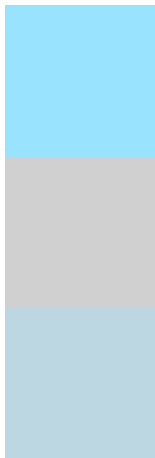
Deuteranomaly

82.4937, -4.5802, -17.2445

Tritanomaly

83.1050, -20.9688, -13.6831

Monochromacy



Original Color

83.0244, -19.1841, -16.7386

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

80.4540, -10.7144, -3.1077

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0244, -19.1841, -16.7386 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(153, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 227, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0244, -19.1841, -16.7386 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(153, 227, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 227,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0244, -19.1841, -16.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 227, 255) }
```

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

```
.background{ background-color: rgb(153,  
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](#).

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