

Converting Colors

HunterLab(83.4883, -36.2769,
-16.3765)

Have a look what the booklet for
HunterLab(83.4883, -36.2769,
-16.3765) contains.

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Color

**HunterLab(83.5613,
-36.3301, -16.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	4AEEFF
RGB	74, 238, 255
RGB Percent	29%, 93%, 100%
CMY	0.7098, 0.0667, 0.0000
CMYK	0.71, 0.07, 0.00, 0.00
HSL	186°, 100%, 65%
HSV	186°, 71%, 100%
XYZ	51.4486, 69.8249, 105.3736
YIQ	190.9020, -103.2010, -29.4810

Conversions

Conversions Part 2

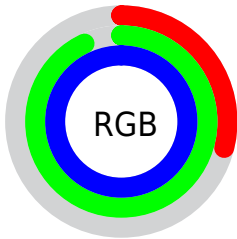
Format	Color
RYB	74, 160, 255
Decimal	4910847
CIELab	86.91, -36.09, -20.39
CIELCh	87, 41.456, 209.467
Yxy	69.8274, 0.2270, 0.3081
Android (android.graphics.Color)	4283100927 (0xFF4AEEFF)
YUV	190.9020, 31.6003, -102.5231
Hunter-Lab	83.5613, -36.3301, -16.2738

Details

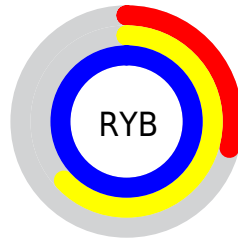
The HunterLab color **83.5613, -36.3301, -16.2738** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **54.0724, 57.9459, 27.2275**, and the grayscale version is **72.0430, -3.8440, 3.9142**.

A 20% lighter version of the original color is **92.1146, -33.9565, -4.7286**, and **61.2643, -28.7753, -14.4574** is the 20% darker color. If you saturate the color by 10%, you get **82.2355, -37.1706, -18.1878**, and if you desaturate by 10%, it is **85.1213, -34.6144, -14.0522**.

Distribution



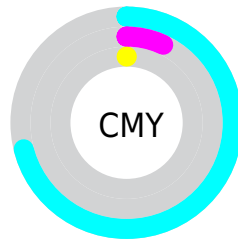
- Red (29%)
- Green (93%)
- Blue (100%)



- Red (29%)
- Yellow (63%)
- Blue (100%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5613, -36.3301, -16.2738 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 83.5613, -36.3301, -16.2738 by changing the saturation by 10% instead.

83.5613, -36.3301,
-16.2738

83.5613, -36.3301,
-16.2738

214.4630,
-56.8092, -15.3862

71.6839, -33.8367,
-16.1172

109.0700,
-41.1278, -16.4097

60.4283, -31.2586,
-15.9013

122.6479,
-43.4538, -16.3994

49.8325, -28.5735,
-15.6211

136.7466,
-45.7424, -16.3400

39.9406, -25.7496,
-15.2747

151.3477,
-47.9999, -16.2340

30.8068, -22.7401,
-14.8641

166.4344,
-50.2314, -16.0836

22.5000, -19.4717,
-14.4012

181.9916,

15.1129, -15.8209,

-52.4412, -15.8910

-13.9295

198.0053,
-54.6328, -15.6580

■ 8.7477, -15.3084,
-13.6999

0.0000, NaN, -NF

■ 83.5613, -36.3301,
-16.2738

■ 83.5613, -36.3301,
-16.2738

■ 82.2355, -37.1706,
-18.1878

■ 85.1213, -34.6144,
-14.0522

■ 81.1181, -37.2060,
-19.8165

■ 86.9242, -31.9912,
-11.5287

■ 80.2505, -36.6962,
-21.0897

■ 88.9781, -28.4615,
-8.7116

■ 91.2851, -24.0505,
-5.6196

■ 93.8432, -18.8023,
-2.2764

■ 96.6475, -12.7737,
1.2914

■ 99.6906, -6.0295,
5.0563

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



83.5628, -40.6115, 4.8995



83.5613, -36.3301, -16.2738



83.5628, -23.7133, -35.0142

Triad

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



83.5628, -36.3305, -16.2717



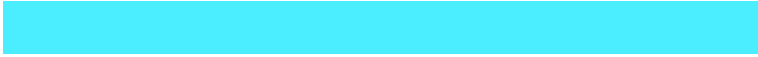
83.5628, 32.6039, -17.0316



83.5628, -4.0931, 34.2130

Complementary

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



83.5613, -36.3301, -16.2738



54.0724, 57.9459, 27.2275

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.



83.5628, 16.7045, 31.0027



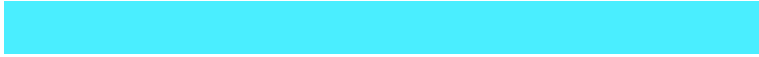
83.5613, -36.3301, -16.2738



83.5628, 39.1141, 4.1960

Square

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



83.5628, -36.3305, -16.2717



83.5628, 16.0028, -35.5227



83.5628, 33.0359, 21.0931



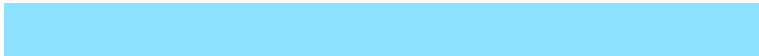
83.5628, -23.1313, 31.2265

Rectangle

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



83.5613, -36.3301, -16.2738



83.5628, -11.6059, -41.8193



83.5628, 33.0359, 21.0931



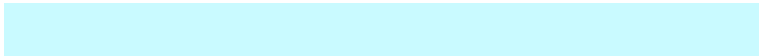
83.5628, 2.9278, 33.8379

Sweetspot

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



83.5628, -36.3305, -16.2717



93.8367, -18.8160, -2.2849



85.8482, -66.2491, 45.1978



43.0749, -9.4127, -1.4950

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5628, -36.3305, -16.2717



81.7621, -37.2759, -18.8762



55.0505, 6.4145, -67.8595



44.9138, -5.4707, 0.8483



58.1128, -26.6558, -15.0938



18.3565, -8.5969, -4.3858

Inverse Universe

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



56.8616, 86.0903, -47.8012



53.5163, 96.0836, -52.1207



73.6418, 13.4452, 40.3954



42.7425, 3.3567, -1.1261



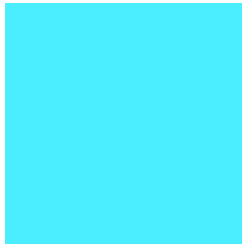
37.5994, 72.4442, -38.1376



11.7674, 22.7275, -12.3615

Previews

White Background



This preview shows how the HunterLab color 83.5613, -36.3301, -16.2738 looks on a white background.

Color Contrast Check

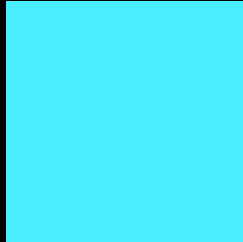
Large Text (above 18pt) WCAG AA × Fail

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 83.5613, -36.3301, -16.2738 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

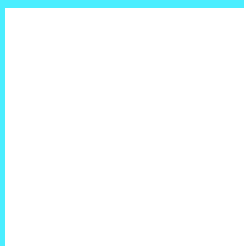
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5613, -36.3301, -16.2738 Background



This preview shows how black text looks on a background with the HunterLab color 83.5613, -36.3301, -16.2738.



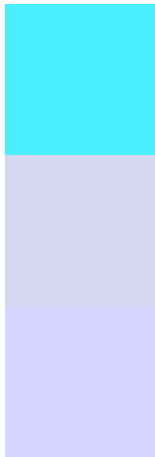
This preview shows how white text looks on a background with the HunterLab color 83.5613,

-36.3301, -16.2738.

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

83.5613, -36.3301, -16.2738

Protanopia

82.7832, 0.0615, -8.0312

Deuteranopia

82.9181, 4.7616, -16.4716



Tritanopia

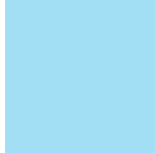
83.6433, -34.2295, -16.1207

Trichromacy



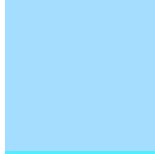
Original Color

83.5613, -36.3301, -16.2738



Protanomaly

81.8836, -17.3636, -12.3979



Deuteranomaly

81.7468, -13.7539, -18.4867



Tritanomaly

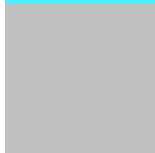
83.4705, -34.8930, -16.3777

Monochromacy



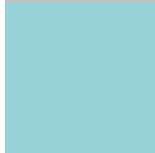
Original Color

83.5613, -36.3301, -16.2738



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.0085, -19.6406, -4.4107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5613, -36.3301, -16.2738 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(74, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 238, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5613, -36.3301, -16.2738 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(74, 238, 255) }
```


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

```
.border{ border-color:rgb(74, 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(74, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 238,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5613, -36.3301, -16.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 238, 255) }
```

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

```
.background{ background-color: rgb(74, 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](#).

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