

Converting Colors

HunterLab(83.1647, -38.1456,
-16.8701)

Have a look what the booklet for
HunterLab(83.1647, -38.1456,
-16.8701) contains.

HunterLab(83.1101, -38.0769, -16.9469)	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(83.1101,
-38.0769, -16.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	33EEFF
RGB	51, 238, 255
RGB Percent	20%, 93%, 100%
CMY	0.7999, 0.0667, 0.0000
CMYK	0.80, 0.07, 0.00, 0.00
HSL	185°, 100%, 60%
HSV	185°, 80%, 100%
XYZ	49.9898, 69.0729, 105.3055
YIQ	184.0250, -116.9090, -34.3570

Conversions

Conversions Part 2

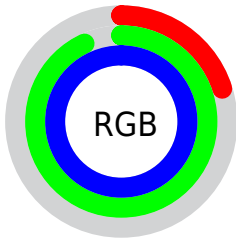
Format	Color
R _{YB}	51, 149, 255
Decimal	3403519
CIE Lab	86.54, -38.38, -20.99
CIE LCh	87, 43.748, 208.672
Yxy	69.0753, 0.2228, 0.3079
Android (android.graphics.Color)	4281593599 (0xFF33EEFF)
YUV	184.0250, 34.9907, -116.6629
Hunter-Lab	83.1101, -38.0769, -16.9469

Details

The HunterLab color **83.1101, -38.0769, -16.9469** 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 **50.6314, 66.1851, 28.6873**, and the grayscale version is **69.1397, -3.6891, 3.7565**.

A 20% lighter version of the original color is **91.5022, -36.2882, -5.5543**, and **60.9303, -28.3586, -14.9394** is the 20% darker color. If you saturate the color by 10%, you get **82.0697, -38.3000, -18.4475**, and if you desaturate by 10%, it is **84.3644, -37.0442, -15.1525**.

Distribution



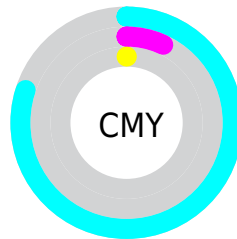
- Red (20%)
- Green (93%)
- Blue (100%)



- Red (20%)
- Yellow (58%)
- Blue (100%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1101, -38.0769, -16.9469 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 83.1101, -38.0769, -16.9469 by changing the saturation by 10% instead.

83.1101, -38.0769,
-16.9469

83.1101, -38.0769,
-16.9469

213.8449,
-59.4685, -16.2369

71.2552, -35.4542,
-16.7688

108.5768,
-43.1107, -17.1249

60.0233, -32.7374,
-16.5314

122.1350,
-45.5458, -17.1351

49.4528, -29.9019,
-16.2299

136.2148,
-47.9384, -17.0958

39.5880, -26.9131,
-15.8632

150.7976,
-50.2956, -17.0095

30.4835, -23.7194,
-15.4344

165.8665,
-52.6229, -16.8785

22.2090, -20.2406,
-14.9585

181.4065,

14.8582, -16.3487,

-54.9250, -16.7049

-14.4864

197.4035,
-57.2058, -16.4904

■ 8.5098, -14.8921,
-14.3769

0.0000, NaN, -NF

■ 83.1101, -38.0769,
-16.9469

■ 83.1101, -38.0769,
-16.9469

■ 82.0697, -38.3000,
-18.4475

■ 84.3644, -37.0442,
-15.1525

■ 81.1946, -37.8788,
-19.7159

■ 85.8492, -35.1318,
-13.0541

■ 81.1940, -37.8784,
-19.7169

■ 87.5790, -32.3101,
-10.6482

■ 89.5610, -28.5798,
-7.9442

■ 91.7974, -23.9666,
-4.9596

■ 94.2866, -18.5144,
-1.7171

■ 97.0239, -12.2806,
1.7572

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

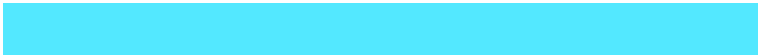
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1116, -42.2925, 5.4419



83.1101, -38.0769, -16.9469



83.1116, -25.1078, -37.1971

Triad

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



83.1116, -38.0773, -16.9448



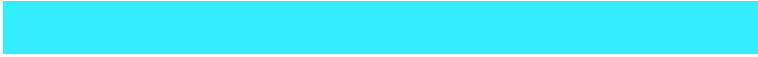
83.1116, 34.4357, -18.9637



83.1116, -3.4664, 35.3049

Complementary

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



83.1101, -38.0769, -16.9469



50.6314, 66.1851, 28.6873

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.



83.1116, 18.4704, 31.8621



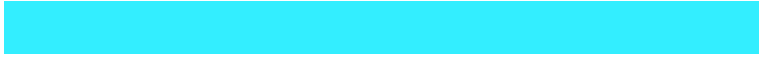
83.1101, -38.0769, -16.9469



83.1116, 41.6985, 3.5955

Square

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



83.1116, -38.0773, -16.9448



83.1116, 16.6191, -38.5581



83.1116, 35.5796, 21.4551



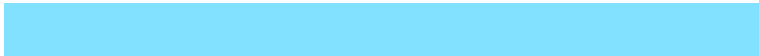
83.1116, -23.5892, 32.4321

Rectangle

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



83.1101, -38.0769, -16.9469



83.1116, -12.5046, -44.7719



83.1116, 35.5796, 21.4551



83.1116, 3.9463, 34.8687

Sweetspot

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



83.1116, -38.0773, -16.9448



93.2589, -20.7967, -3.0459



85.2065, -69.3597, 47.8500



42.7388, -10.5100, -1.9406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1116, -38.0773, -16.9448



81.5321, -38.0925, -19.2257



51.4867, 9.4281, -77.0557



44.9524, -5.5321, 0.8939



58.7835, -27.4953, -14.1198



18.5413, -8.8266, -4.1210

Inverse Universe

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



54.5917, 93.6435, -52.5746



52.3991, 100.0518, -54.5532



69.9952, 19.2598, 40.8131



42.7466, 3.3786, -1.1841



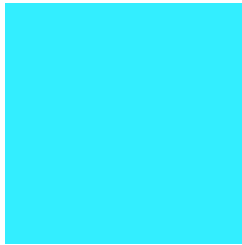
37.7045, 72.8116, -39.5228



11.7966, 22.8295, -12.7454

Previews

White Background



This preview shows how the HunterLab color 83.1101, -38.0769, -16.9469 looks on a white background.

Color Contrast Check

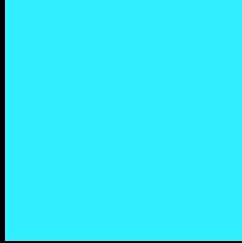
Large Text (above 18pt) WCAG AA × Fail

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 83.1101, -38.0769, -16.9469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

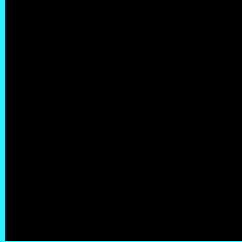
Any Text WCAG AA ✓ Pass

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 83.1101, -38.0769, -16.9469 Background



This preview shows how black text looks on a background with the HunterLab color 83.1101, -38.0769, -16.9469.



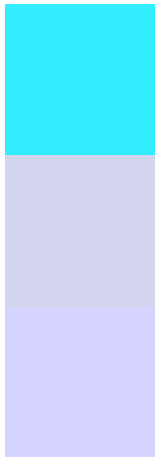
This preview shows how white text looks on a background with the HunterLab color 83.1101, -38.0769, -16.9469.

-38.0769, -16.9469.

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

83.1101, -38.0769, -16.9469

Protanopia

82.2614, -0.2264, -8.1724

Deuteranopia

82.4346, 4.6828, -17.1675



Tritanopia

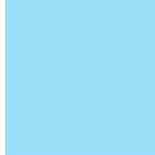
83.2131, -35.8837, -16.7614

Trichromacy



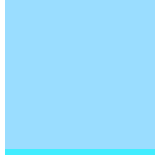
Original Color

83.1101, -38.0769, -16.9469



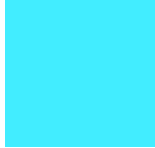
Protanomaly

80.9984, -18.9113, -13.6540



Deuteranomaly

81.1190, -16.0190, -19.4442



Tritanomaly

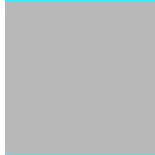
83.0341, -36.5748, -17.0292

Monochromacy



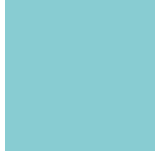
Original Color

83.1101, -38.0769, -16.9469



Achromatopsia

69.2330, -3.6941, 3.7616



Achromatomaly

72.8513, -21.2025, -5.1032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1101, -38.0769, -16.9469 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(51, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 238, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1101, -38.0769, -16.9469 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(51, 238, 255) }
```


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

```
.border{ border-color:rgb(51, 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(51, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 238,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1101, -38.0769, -16.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 238, 255) }
```

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

```
.background{ background-color: rgb(51, 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](#).

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