

Converting Colors

HunterLab(81.9852, -38.2051,
-1.9529)

Have a look what the booklet for
HunterLab(81.9852, -38.2051,
-1.9529) contains.

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Color

**HunterLab(81.8470,
-37.9038, -2.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	63EAE2
RGB	99, 234, 226
RGB Percent	39%, 92%, 89%
CMY	0.6117, 0.0823, 0.1137
CMYK	0.58, 0.00, 0.03, 0.08
HSL	176°, 76%, 65%
HSV	176°, 58%, 92%
XYZ	48.2959, 66.9893, 82.3364
YIQ	192.7230, -77.8920, -31.1080

Conversions

Conversions Part 2

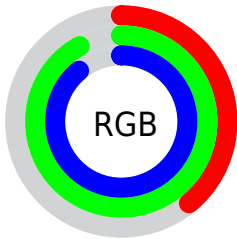
Format	Color
R _Y B	99, 169, 234
Decimal	6548194
CIE Lab	85.50, -38.51, -7.21
CIE LCh	85, 39.175, 190.609
Yxy	66.9919, 0.2444, 0.3390
Android (android.graphics.Color)	4284738274 (0xFF63EAE2)
YUV	192.7230, 16.4056, -82.1951
Hunter-Lab	81.8470, -37.9038, -2.3516

Details

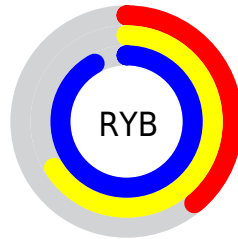
The HunterLab color **81.8470, -37.9038, -2.3516** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.4210, 48.0423, 17.4075**, and the grayscale version is **72.8668, -3.8880, 3.9590**.

A 20% lighter version of the original color is **92.9070, -30.9645, -3.6686**, and **59.0138, -32.6206, -2.9155** is the 20% darker color. If you saturate the color by 10%, you get **81.1070, -40.8959, -2.6098**, and if you desaturate by 10%, it is **82.8147, -34.0802, -1.7976**.

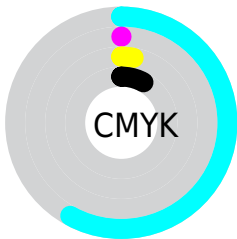
Distribution



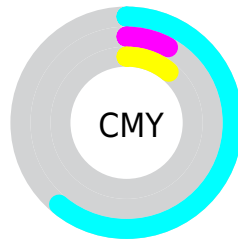
- Red (39%)
- Green (92%)
- Blue (89%)



- Red (39%)
- Yellow (66%)
- Blue (92%)



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (61%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8470, -37.9038, -2.3516 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 81.8470, -37.9038, -2.3516 by changing the saturation by 10% instead.

81.8470, -37.9038,
-2.3516

81.8470, -37.9038,
-2.3516

212.1122,
-59.3783, 2.3751

70.0557, -35.2656,
-2.6772

107.1955,
-42.9632, -1.5615

58.8909, -32.5304,
-2.9539

120.6982,
-45.4089, -1.1049

48.3917, -29.6730,
-3.1760

134.7246,
-47.8111, -0.6102

38.6033, -26.6570,
-3.3376

149.2558,
-50.1770, -0.0793

29.5816, -23.4285,
-3.4314

164.2749,
-52.5122, 0.4862

21.3985, -19.9029,
-3.4477

179.7664,

14.1506, -16.0476,

-54.8217, 1.0846

-3.3737

195.7165,
-57.1092, 1.7146

■ 7.8030, -13.6552,
-3.5171

0.0000, NaN, NaN

■ 81.8470, -37.9038,
-2.3516

■ 81.8470, -37.9038,
-2.3516

■ 81.1070, -40.8959,
-2.6098

■ 82.8147, -34.0802,
-1.7976

■ 80.5750, -43.0873,
-2.5931


■ 84.0153, -29.4184,
-0.9425


■ 80.2319, -44.5424,
-2.3276


■ 85.4565, -23.9369,
0.2154


■ 80.0463, -45.3746,
-1.8565


■ 87.1404, -17.6728,
1.6696


 80.0139, -45.5253,
-1.7344

 89.0660, -10.6779,
3.4082

 91.2299, -3.0141,
5.4146

 92.8155, 2.5084,
6.6841

 92.8590, 2.7433,
6.0625

 92.9029, 2.9798,
5.4368

Harmonies

Analogous

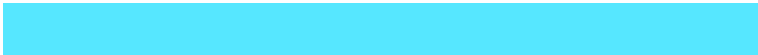
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8486, -36.6698, 15.3829



81.8470, -37.9038, -2.3516



81.8486, -30.8092, -22.1703

Triad

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



81.8486, -37.9043, -2.3505



81.8486, 21.3508, -27.3214



81.8486, 8.3853, 31.3568

Complementary

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



81.8470, -37.9038, -2.3516



52.4210, 48.0423, 17.4075

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.



81.8486, 25.9161, 24.3501



81.8470, -37.9038, -2.3516



81.8486, 33.8705, -8.2237

Square

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



81.8486, -37.9043, -2.3505



81.8486, 2.6097, -38.6602



81.8486, 35.6149, 10.7225



81.8486, -11.1265, 32.2222

Rectangle

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



81.8470, -37.9038, -2.3516



81.8486, -21.8859, -32.8846



81.8486, 35.6149, 10.7225



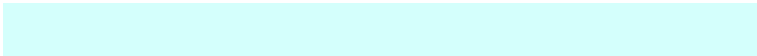
81.8486, 14.7517, 29.7346

Sweetspot

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



81.8486, -37.9043, -2.3505



96.1877, -19.0344, 1.9489



79.3330, -53.6443, 39.1223



44.3160, -9.4866, 0.7382

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8486, -37.9043, -2.3505



89.3033, -45.5378, -2.8943



62.8097, -9.2377, -34.9413



41.3589, -5.5817, 1.4357



59.9854, -34.0929, -1.3797



16.8232, -9.4698, -0.5849

Inverse Universe

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



52.4210, 48.0423, 17.4075



52.5248, 63.9421, 22.6969



65.3294, 17.7206, 29.8514



38.8182, 1.5111, 3.0086



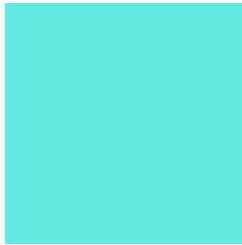
31.3900, 53.8314, 19.7021



8.8251, 15.1922, 5.0916

Previews

White Background



This preview shows how the HunterLab color 81.8470, -37.9038, -2.3516 looks on a white background.

Color Contrast Check

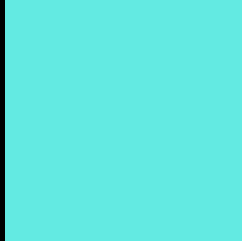
Large Text (above 18pt) WCAG AA × Fail

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 81.8470, -37.9038, -2.3516 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

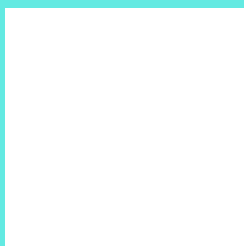
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.8470, -37.9038, -2.3516 Background



This preview shows how black text looks on a background with the HunterLab color 81.8470, -37.9038, -2.3516.



This preview shows how white text looks on a background with the HunterLab color 81.8470,

-37.9038, -2.3516.

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

81.8470, -37.9038, -2.3516

Protanopia

81.2040, -2.5304, 4.5150

Deuteranopia

81.1271, 6.2744, -5.6943



Tritanopia

81.9631, -30.4962, -14.8592

Trichromacy



Original Color

81.8470, -37.9038, -2.3516



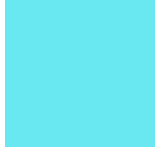
Protanomaly

80.3474, -18.2210, 0.7494



Deuteranomaly

80.2550, -12.7144, -6.0764



Tritanomaly

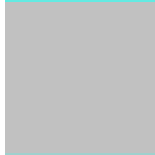
81.8947, -33.1147, -10.3655

Monochromacy



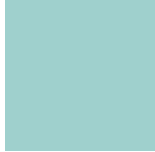
Original Color

81.8470, -37.9038, -2.3516



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

75.4258, -18.6996, 0.7481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8470, -37.9038, -2.3516 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(99, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(99, 234, 226)  
}
```

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(99, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 234, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8470, -37.9038, -2.3516 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(99, 234, 226) }
```


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

```
.border{ border-color:rgb(99, 234, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(99, 234,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8470, -37.9038, -2.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 234, 226) }
```

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

```
.background{ background-color: rgb(99, 234,  
226) }
```

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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