

Converting Colors

HunterLab(84.9403, -40.2816,
-1.8123)

Have a look what the booklet for
HunterLab(84.9403, -40.2816,
-1.8123) contains.

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Color

**HunterLab(84.8429,
-40.2021, -1.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	63F2E8
RGB	99, 242, 232
RGB Percent	39%, 95%, 91%
CMY	0.6117, 0.0510, 0.0902
CMYK	0.59, 0.00, 0.04, 0.05
HSL	176°, 85%, 67%
HSV	176°, 59%, 95%
XYZ	51.4633, 71.9832, 87.5257
YIQ	198.1030, -82.0180, -33.4260

Conversions

Conversions Part 2

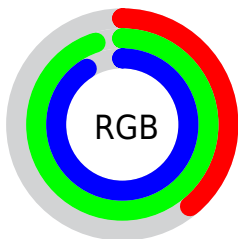
Format	Color
R_{YB}	99, 173, 242
Decimal	6550248
CIE _{Lab}	87.96, -40.58, -6.72
CIE _{LCh}	88, 41.131, 189.400
Yxy	71.9859, 0.2439, 0.3412
Android (android.graphics.Color)	4284740328 (0xFF63F2E8)
YUV	198.1030, 16.7112, -86.9133
Hunter-Lab	84.8429, -40.2021, -1.7748

Details

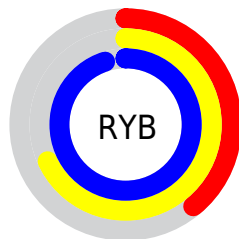
The HunterLab color **84.8429, -40.2021, -1.7748** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.7654, 51.4668, 18.0736**, and the grayscale version is **75.1492, -4.0098, 4.0830**.

A 20% lighter version of the original color is **92.9631, -30.7537, -3.5939**, and **61.5081, -34.5497, -2.2969** is the 20% darker color. If you saturate the color by 10%, you get **84.0983, -43.2404, -1.8756**, and if you desaturate by 10%, it is **85.8230, -36.2995, -1.3693**.

Distribution



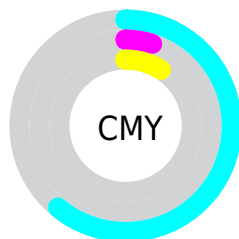
- Red (39%)
- Green (95%)
- Blue (91%)



- Red (39%)
- Yellow (68%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (61%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8429, -40.2021, -1.7748 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 84.8429, -40.2021, -1.7748 by changing the saturation by 10% instead.

84.8429, -40.2021,
-1.7748

84.8429, -40.2021,
-1.7748

216.2158,
-62.4118, 3.1874

72.9021, -37.4703,
-2.1325

110.4702,
-45.4408, -0.9250

61.5795, -34.6389,
-2.4432

124.1037,
-47.9724, -0.4406

50.9125, -31.6829,
-2.7014

138.2560,
-50.4581, 0.0809

40.9444, -28.5669,
-2.9019

152.9088,
-52.9052, 0.6377

31.7280, -25.2388,
-3.0378

168.0456,
-55.3196, 1.2281

23.3306, -21.6186,
-3.1001

183.6513,

15.8416, -17.5737,

-57.7062, 1.8507

-3.0768

199.7122,
-60.0691, 2.5042

■ 9.3884, -16.4297,
-2.9523

0.0000, NaN, -NF

■ 84.8429, -40.2021,
-1.7748

■ 84.8429, -40.2021,
-1.7748

■ 84.0983, -43.2404,
-1.8756

■ 85.8230, -36.2995,
-1.3693

■ 83.5679, -45.4506,
-1.6956


■ 87.0448, -31.5224,
-0.6513


■ 83.2307, -46.9051,
-1.2646

■ 88.5167, -25.8874,
0.3831


■ 83.0480, -47.7465,
-0.6359


■ 90.2415, -19.4314,
1.7291


 83.0344, -47.8113,
-0.5750

 92.2185, -12.2070,
3.3757

 94.4444, -4.2781,
5.3071

 95.5454, -0.3726,
5.8307

 95.5994, -0.0795,
5.0602

 95.6539, 0.2160,
4.2835

Harmonies

Analogous

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



84.8445, -38.5381, 16.8427



84.8429, -40.2021, -1.7748



84.8445, -33.0398, -22.9699

Triad

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



84.8445, -40.2026, -1.7737



84.8445, 22.1217, -29.9903



84.8445, 9.8698, 32.8749

Complementary

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



84.8429, -40.2021, -1.7748



53.7654, 51.4668, 18.0736

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.



84.8445, 28.3214, 25.2348



84.8429, -40.2021, -1.7748



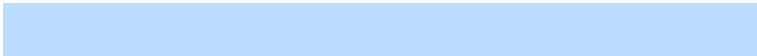
84.8445, 35.8505, -9.7482

Square

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



84.8445, -40.2026, -1.7737



84.8445, 2.0397, -41.6385



84.8445, 38.2217, 10.5487



84.8445, -10.9088, 34.0320

Rectangle

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



84.8429, -40.2021, -1.7748



84.8445, -23.7807, -34.6692



84.8445, 38.2217, 10.5487



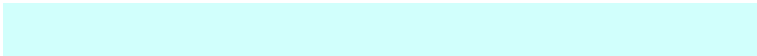
84.8445, 16.6030, 31.0852

Sweetspot

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



84.8445, -40.2026, -1.7737



95.9713, -19.8617, 2.0018



82.3299, -56.1570, 41.2460



44.1370, -10.1657, 0.7132

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8445, -40.2026, -1.7737



89.1094, -46.4535, -1.9741



65.3399, -10.5655, -36.1520



42.3187, -5.7397, 1.5191



60.8655, -35.0004, -0.5207



17.5715, -9.9980, -0.3800

Inverse Universe

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



53.7654, 51.4668, 18.0736



51.8003, 65.7601, 22.8442



66.6589, 20.4492, 30.9319



39.7200, 1.5739, 3.0312



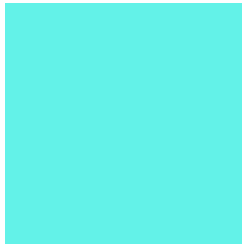
31.8899, 54.7023, 19.9100



9.2317, 15.9027, 5.2432

Previews

White Background



This preview shows how the HunterLab color 84.8429, -40.2021, -1.7748 looks on a white background.

Color Contrast Check

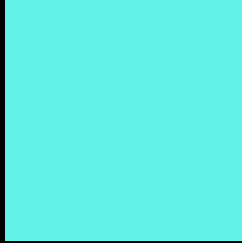
Large Text (above 18pt) WCAG AA × Fail

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 84.8429, -40.2021, -1.7748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

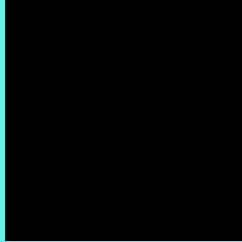
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

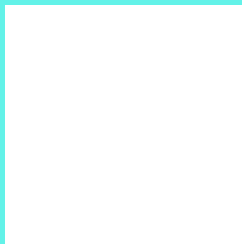
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.8429, -40.2021, -1.7748 Background



This preview shows how black text looks on a background with the HunterLab color 84.8429, -40.2021, -1.7748.



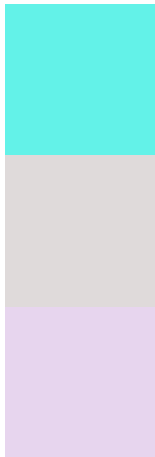
This preview shows how white text looks on a background with the HunterLab color 84.8429,

-40.2021, -1.7748.

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

84.8429, -40.2021, -1.7748

Protanopia

84.1978, -2.8513, 5.1247

Deuteranopia

84.1133, 5.9816, -5.0823



Tritanopia

84.7663, -29.9550, -14.4654

Trichromacy



Original Color

84.8429, -40.2021, -1.7748



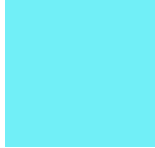
Protanomaly

83.5050, -19.6982, 1.5428



Deuteranomaly

83.3275, -14.4570, -5.3719



Tritanomaly

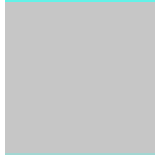
84.8287, -33.8427, -9.8249

Monochromacy



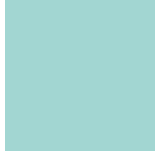
Original Color

84.8429, -40.2021, -1.7748



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

77.7352, -19.8927, 1.0468

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8429, -40.2021, -1.7748 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, 242, 232)` looks like.

```
.text, #text, p{  
    color:rgb(99, 242, 232)  
}
```

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, 242, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 242, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8429, -40.2021, -1.7748 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, 242, 232) }
```


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

```
.border{ border-color:rgb(99, 242, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 242, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 242, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 242, 232);  
box-shadow:4px 4px 4px 4px rgb(99, 242,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8429, -40.2021, -1.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 242, 232) }
```

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

```
.background{ background-color: rgb(99, 242,  
232) }
```

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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