

Converting Colors

HunterLab(84.7308, -36.9157,
1.2161)

Have a look what the booklet for
HunterLab(84.7308, -36.9157,
1.2161) contains.

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Color

**HunterLab(84.8226,
-37.0886, 1.3247)**

Conversions

Conversions Part 1	
Format	Color
Hex	7AF0E2
RGB	122, 240, 226
RGB Percent	48%, 94%, 89%
CMY	0.5216, 0.0588, 0.1137
CMYK	0.49, 0.00, 0.06, 0.06
HSL	173°, 80%, 71%
HSV	173°, 49%, 94%
XYZ	52.9136, 71.9487, 83.0502
YIQ	203.1220, -65.8340, -29.3700

Conversions

Conversions Part 2

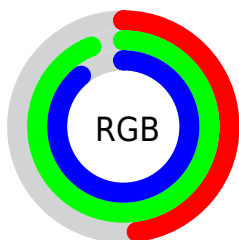
Format	Color
RYB	122, 185, 240
Decimal	8057058
CIELab	87.95, -36.71, -3.52
CIELCh	88, 36.883, 185.478
Yxy	71.9516, 0.2545, 0.3461
Android (android.graphics.Color)	4286247138 (0xFF7AF0E2)
YUV	203.1220, 11.2789, -71.1440
Hunter-Lab	84.8226, -37.0886, 1.3247

Details

The HunterLab color **84.8226, -37.0886, 1.3247** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **58.5012, 42.0708, 13.1755**, and the grayscale version is **77.3062, -4.1249, 4.2002**.

A 20% lighter version of the original color is **94.1083, -26.4808, -2.0791**, and **61.4305, -31.6994, 0.1126** is the 20% darker color. If you saturate the color by 10%, you get **83.8185, -41.1846, 1.4683**, and if you desaturate by 10%, it is **86.0713, -32.1283, 1.4866**.

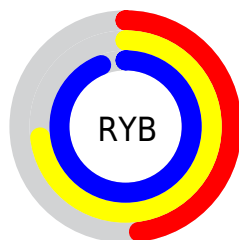
Distribution



Red (48%)

Green (94%)

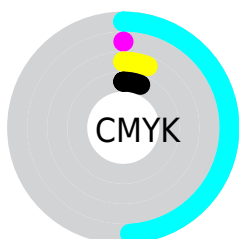
Blue (89%)



Red (48%)

Yellow (73%)

Blue (94%)

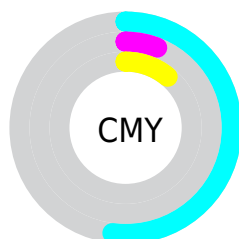


Cyan (49%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (52%)


Magenta (6%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8226, -37.0886, 1.3247 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 84.8226, -37.0886, 1.3247 by changing the saturation by 10% instead.


 84.8226, -37.0886,
1.3247

 84.8226, -37.0886,
1.3247


216.1881,
-57.7813, 7.3124


 72.8829, -34.5692,
0.8316


 110.4480,
-41.9376, 2.4292

 61.5612, -31.9645,
0.3793


 124.0807,
-44.2883, 3.0341

 50.8954, -29.2528,
-0.0277


 138.2322,
-46.6011, 3.6721

 40.9285, -26.4026,
-0.3854

152.8842,
-48.8823, 4.3417

 31.7134, -23.3682,
-0.6880

168.0201,
-51.1369, 5.0417

 23.3175, -20.0783,
-0.9284


183.6251,

 15.8300, -16.4142,


-53.3693, 5.7708


-1.0959


199.6852,
-55.5831, 6.5280


 9.3786, -16.4126,
-1.1746


0.0000, NaN, NaN


 84.8226, -37.0886,
1.3247


 84.8226, -37.0886,
1.3247


 83.8185, -41.1846,
1.4683


 86.0713, -32.1283,
1.4866


 83.0434, -44.4199,
1.8989


 87.5661, -26.3209,
1.9577


 82.4829, -46.8296,
2.5939


 89.3110, -19.7062,
2.7386


 82.1148, -48.4826,
3.5198


 91.3052, -12.3389,
3.8225


 81.9005, -49.5214,
4.6222


 93.5450, -4.2842,
5.1973

 81.8853, -49.5972,
4.7167

 94.8994, 0.5630,
5.4656

 94.9908, 1.0579,
4.1625

 95.0835, 1.5595,
2.8418

 95.1775, 2.0678,
1.5036

Harmonies

Analogous

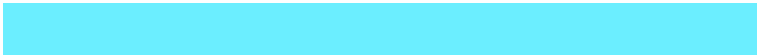
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8243, -34.5045, 17.4850



84.8226, -37.0886, 1.3247



84.8243, -31.5761, -17.4425

Triad

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



84.8243, -37.0893, 1.3258



84.8243, 17.0984, -27.7868



84.8243, 10.7302, 29.9769

Complementary

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



84.8226, -37.0886, 1.3247



58.5012, 42.0708, 13.1755

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.



84.8243, 26.3954, 21.9892



84.8226, -37.0886, 1.3247



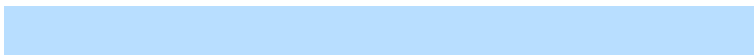
84.8243, 30.2870, -10.6477

Square

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



84.8243, -37.0893, 1.3258



84.8243, -1.1109, -36.4030



84.8243, 33.8264, 7.7818



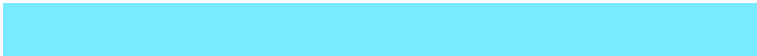
84.8243, -7.8968, 31.8482

Rectangle

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



84.8226, -37.0886, 1.3247



84.8243, -23.7473, -28.2287



84.8243, 33.8264, 7.7818



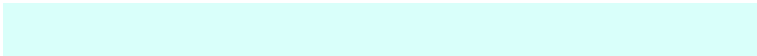
84.8243, 16.5656, 28.0166

Sweetspot

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



84.8243, -37.0893, 1.3258



96.5218, -17.9551, 3.3731



83.1317, -48.6154, 37.2414



44.4514, -9.0646, 1.4530

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8243, -37.0893, 1.3258



89.7881, -44.1295, 1.5737



70.8822, -14.0910, -25.5281



42.3022, -5.8316, 1.7546



60.5946, -36.6299, 3.3354



17.5030, -10.4092, 0.5933

Inverse Universe

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



58.5012, 42.0708, 13.1755



57.1724, 55.3797, 16.9686



68.5123, 18.0676, 26.5981



39.7358, 1.6591, 2.8051



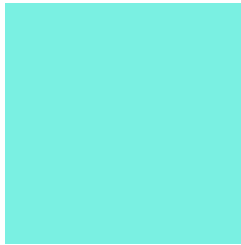
31.9345, 54.8676, 19.2491



9.2640, 16.0224, 4.7655

Previews

White Background



This preview shows how the HunterLab color 84.8226, -37.0886, 1.3247 looks on a white background.

Color Contrast Check

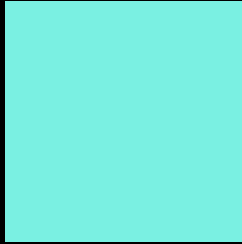
Large Text (above 18pt) WCAG AA × Fail

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 84.8226, -37.0886, 1.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

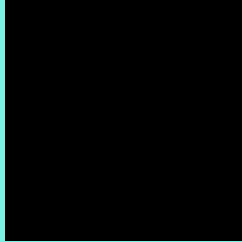
Any Text WCAG AA ✓ Pass

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 84.8226, -37.0886, 1.3247 Background



This preview shows how black text looks on a background with the HunterLab color 84.8226, -37.0886, 1.3247.



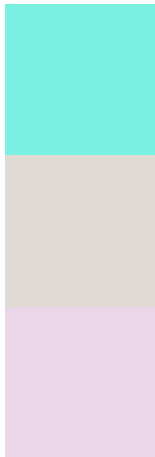
This preview shows how white text looks on a background with the HunterLab color 84.8226, -37.0886, 1.3247.

-37.0886, 1.3247.

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

84.8226, -37.0886, 1.3247

Protanopia

84.1393, -3.3603, 7.4282

Deuteranopia

84.3071, 6.2194, -1.6313




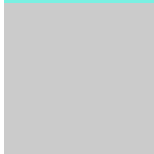
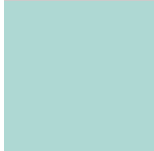
Tritanopia

84.8741, -27.7994, -14.2772

Trichromacy

	Original Color 84.8226, -37.0886, 1.3247
	Protanomaly 83.6776, -17.7092, 4.2537
	Deuteranomaly 83.6408, -12.0949, -1.7403
	Tritanomaly 84.6695, -31.1342, -8.3053

Monochromacy

	Original Color 84.8226, -37.0886, 1.3247
	Achromatopsia 77.2788, -4.1234, 4.1987
	Achromatomaly 79.2550, -17.5958, 2.4251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8226, -37.0886, 1.3247 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(122, 240, 226)` looks like.

```
.text, #text, p{  
    color:rgb(122, 240, 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(122, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 240, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8226, -37.0886, 1.3247 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(122, 240, 226) }
```


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

```
.border{ border-color:rgb(122, 240, 226) }
```

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

Here you see how a box with a 4 pixel rgb(122, 240, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(122, 240,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8226, -37.0886, 1.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 240, 226) }
```

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

```
.background{ background-color: rgb(122,  
240, 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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