

Converting Colors

HunterLab(83.4285, -46.0793,
-4.8065)

Have a look what the booklet for
HunterLab(83.4285, -46.0793,
-4.8065) contains.

HunterLab(83.3335, -46.0094, -4.8386)	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(83.3335,
-46.0094, -4.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	00F2EA
RGB	0, 242, 234
RGB Percent	0%, 95%, 92%
CMY	0.9998, 0.0510, 0.0823
CMYK	1.00, 0.00, 0.03, 0.05
HSL	178°, 100%, 47%
HSV	178°, 100%, 95%
XYZ	46.6034, 69.4447, 88.7898
YIQ	168.7300, -141.6640, -53.7920

Conversions

Conversions Part 2

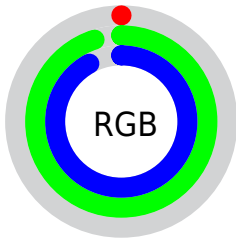
Format	Color
RYB	0, 123, 242
Decimal	62186
CIELab	86.73, -48.50, -9.74
CIELCh	87, 49.471, 191.356
Yxy	69.4473, 0.2275, 0.3390
Android (android.graphics.Color)	4278252266 (0xFF00F2EA)
YUV	168.7300, 32.1781, -147.9762
Hunter-Lab	83.3335, -46.0094, -4.8386

Details

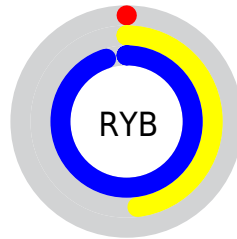
The HunterLab color **83.3335, -46.0094, -4.8386** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **43.4705, 74.4774, 27.7744**, and the grayscale version is **62.7988, -3.3508, 3.4120**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **61.5729, -34.1620, -3.2149** is the 20% darker color. If you saturate the color by 10%, you get **83.3347, -46.0109, -4.8368**, and if you desaturate by 10%, it is **83.4808, -45.3752, -5.0691**.

Distribution



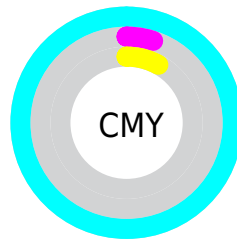
- Red (0%)
- Green (95%)
- Blue (92%)



- Red (0%)
- Yellow (48%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.3335, -46.0094, -4.8386 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 83.3335, -46.0094, -4.8386 by changing the saturation by 10% instead.


 83.3335, -46.0094,
-4.8386


 83.3335, -46.0094,
-4.8386


214.1511,
-71.4347, -0.8614


 71.4675, -42.8198,
-5.0675


 108.8211,
-52.0823, -4.2323


 60.2239, -39.4969,
-5.2439


 122.3890,
-54.9986, -3.8634


 49.6409, -36.0079,
-5.3619


 136.4783,
-57.8512, -3.4537

 39.7626, -32.3064,
-5.4154

 151.0701,
-60.6494, -3.0055

 30.6435, -28.3247,
-5.3971

 166.1479,
-63.4011, -2.5205

 22.3531, -23.9592,
-5.2982

181.6963,

 14.9842, -19.3627,

-66.1124, -2.0006

-5.1092

197.7016,
-68.7887, -1.4471

■ 8.6285, -15.0999,
-4.9105

0.0000, NaN, -NF

■ 83.3335, -46.0094,
-4.8386

■ 83.3335, -46.0094,
-4.8386

■ 83.3347, -46.0109,
-4.8368

■ 83.4808, -45.3752,
-5.0691

■ 83.7729, -44.1629,
-5.1031

■ 84.2551, -42.2083,
-4.8807

■ 84.9509, -39.4343,
-4.3717

■ 85.8773, -35.7982,
-3.5574

■ 87.0462, -31.2866,
-2.4291

■ 88.4650, -25.9109,
-0.9863

■ 90.1369, -19.7042,
0.7635

■ 92.0619, -12.7158,
2.8070

Harmonies

Analogous

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



83.3351, -44.7682, 17.6994



83.3335, -46.0094, -4.8386



83.3351, -37.1230, -31.0857

Triad

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



83.3351, -46.0095, -4.8375



83.3351, 29.2296, -36.8928



83.3351, 11.2466, 36.9435

Complementary

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



83.3335, -46.0094, -4.8386



43.4705, 74.4774, 27.7744

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.



83.3351, 34.1874, 29.1635



83.3335, -46.0094, -4.8386



83.3351, 45.3734, -11.2009

Square

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



83.3351, -46.0095, -4.8375



83.3351, 5.0870, -52.8706



83.3351, 47.2865, 12.9334



83.3351, -13.5784, 37.7355

Rectangle

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



83.3335, -46.0094, -4.8386



83.3351, -25.9732, -45.5182



83.3351, 47.2865, 12.9334



83.3351, 19.5046, 35.1937

Sweetspot

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



83.3351, -46.0095, -4.8375



93.8628, -27.5644, -1.0652



79.7238, -68.1935, 47.9303



43.1162, -13.9175, -0.8103

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3351, -46.0095, -4.8375



88.4357, -48.8326, -5.1214



47.0505, 8.3004, -76.7226



42.3313, -5.6697, 1.3399



61.0823, -33.7022, -3.5941



17.6258, -9.6729, -1.1498

Inverse Universe

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



43.4705, 74.4774, 27.7744



46.1286, 79.0367, 29.4966



55.3905, 40.0938, 34.8314



39.7081, 1.5097, 3.2015



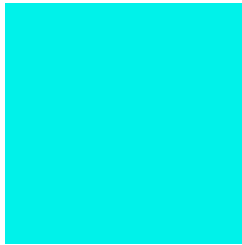
31.8658, 54.6130, 20.2672



9.2071, 15.8116, 5.6071

Previews

White Background



This preview shows how the HunterLab color 83.3335, -46.0094, -4.8386 looks on a white background.

Color Contrast Check

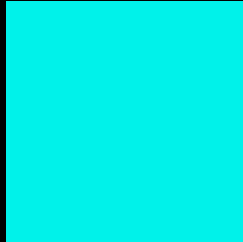
Large Text (above 18pt) WCAG AA × Fail

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 83.3335, -46.0094, -4.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

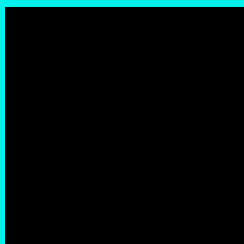
Any Text WCAG AA ✓ Pass

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 83.3335, -46.0094, -4.8386 Background



This preview shows how black text looks on a background with the HunterLab color 83.3335, -46.0094, -4.8386.



This preview shows how white text looks on a background with the HunterLab color 83.3335,

-46.0094, -4.8386.

Color Blindness Simulation

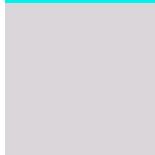
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



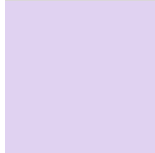
Original Color

83.3335, -46.0094, -4.8386



Protanopia

82.4672, -2.5767, 3.5746



Deuteranopia

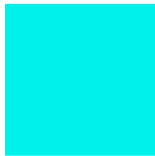
82.6386, 5.8578, -8.6824



Tritanopia

83.3370, -35.4062, -16.5765

Trichromacy



Original Color

83.3335, -46.0094, -4.8386



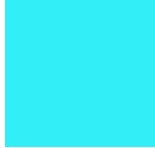
Protanomaly

80.0800, -27.3015, -2.8209



Deuteranomaly

80.1594, -22.5214, -10.8301



Tritanomaly

83.1424, -40.3636, -12.2257

Monochromacy



Original Color

83.3335, -46.0094, -4.8386



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

68.2043, -26.3185, -2.2916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3335, -46.0094, -4.8386 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(0, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 234)  
}
```

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(0, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3335, -46.0094, -4.8386 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(0, 242, 234) }
```


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

```
.border{ border-color:rgb(0, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3335, -46.0094, -4.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 234) }
```

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

```
.background{ background-color: rgb(0, 242,  
234) }
```

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