

Converting Colors

HunterLab(84.0526, -48.8653,
0.4276)

Have a look what the booklet for
HunterLab(84.0526, -48.8653,
0.4276) contains.

HunterLab(84.1402, -48.8525, 0.2905)	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(84.1402,
-48.8525, 0.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	00F5E2
RGB	0, 245, 226
RGB Percent	0%, 96%, 89%
CMY	0.9998, 0.0392, 0.1137
CMYK	1.00, 0.00, 0.08, 0.04
HSL	175°, 100%, 48%
HSV	175°, 100%, 96%
XYZ	46.3798, 70.7957, 83.1718
YIQ	169.5790, -139.9210, -57.8490

Conversions

Conversions Part 2

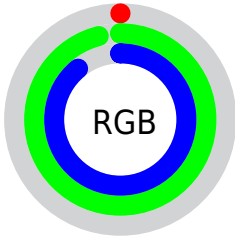
Format	Color
RYB	0, 127, 245
Decimal	62946
CIELab	87.39, -51.99, -4.57
CIELCh	87, 52.188, 185.027
Yxy	70.7984, 0.2315, 0.3534
Android (android.graphics.Color)	4278253026 (0xFF00F5E2)
YUV	169.5790, 27.8156, -148.7208
Hunter-Lab	84.1402, -48.8525, 0.2905

Details

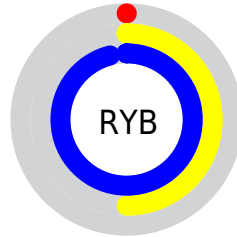
The HunterLab color **84.1402, -48.8525, 0.2905** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **44.1152, 75.6487, 27.6765**, and the grayscale version is **63.1657, -3.3704, 3.4319**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **62.3752, -36.6583, 1.1712** is the 20% darker color. If you saturate the color by 10%, you get **84.1414, -48.8544, 0.2933**, and if you desaturate by 10%, it is **84.3232, -48.0024, -0.4395**.

Distribution



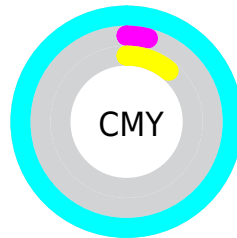
- Red (0%)
- Green (96%)
- Blue (89%)



- Red (0%)
- Yellow (50%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)





- Cyan (100%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.1402, -48.8525, 0.2905 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 84.1402, -48.8525, 0.2905 by changing the saturation by 10% instead.


 84.1402, -48.8525,
0.2905


 84.1402, -48.8525,
0.2905


215.2553,
-75.6532, 5.9208

 72.2341, -45.4724,
-0.1551


 109.7026,
-55.2772, 1.3057


 60.9481, -41.9469,
-0.5574


 123.3057,
-58.3571, 1.8685


 50.3201, -38.2411,
-0.9118


 137.4287,
-61.3665, 2.4659

 40.3936, -34.3055,
-1.2134

 152.0533,
-64.3154, 3.0962

 31.2224, -30.0690,
-1.4562

 167.1626,
-67.2121, 3.7581

 22.8745, -25.4232,
-1.6319

182.7417,

 15.4411, -20.5435,

-70.0636, 4.4502

-1.7288

198.7768,
-72.8757, 5.1715

■ 9.0431, -15.8255,
-1.7446

0.0000, NaN, -NF

■ 84.1402, -48.8525,
0.2905

■ 84.1402, -48.8525,
0.2905

■ 84.1414, -48.8544,
0.2933

■ 84.3232, -48.0024,
-0.4395

■ 84.6543, -46.5578,
-0.9823

■ 85.1790, -44.3533,
-1.2762

■ 85.9212, -41.3127,
-1.2883

■ 86.8981, -37.3953,
-0.9961

■ 88.1212, -32.5902,
-0.3869

■ 89.5979, -26.9122,
0.5436

■ 91.3312, -20.3973,
1.7918

■ 93.3207, -13.0984,
3.3478

Harmonies

Analogous

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



84.1418, -45.3026, 22.3355



84.1402, -48.8525, 0.2905



84.1418, -41.7511, -27.6624

Triad

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



84.1418, -48.8527, 0.2915



84.1418, 26.2700, -44.6033



84.1418, 17.7444, 37.3661

Complementary

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



84.1402, -48.8525, 0.2905



44.1152, 75.6487, 27.6765

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.



84.1418, 40.6399, 27.6196



84.1402, -48.8525, 0.2905



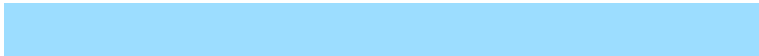
84.1418, 45.9673, -18.1549

Square

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



84.1418, -48.8527, 0.2915



84.1418, -0.0543, -58.1539



84.1418, 51.5211, 8.6541



84.1418, -8.8437, 39.5927

Rectangle

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



84.1402, -48.8525, 0.2905



84.1418, -31.3550, -44.6427



84.1418, 51.5211, 8.6541



84.1418, 26.2262, 35.0453

Sweetspot

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



84.1418, -48.8527, 0.2915



93.7485, -28.2186, 0.5590



80.9078, -68.8898, 48.6478



43.0556, -14.2659, 0.0499

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.1418, -48.8527, 0.2915



88.0516, -51.1339, 0.3265



51.2061, 2.0563, -68.4383



43.2832, -5.8933, 1.5900



61.7644, -35.8114, 0.1063



18.3285, -10.5106, -0.2197

Inverse Universe

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



44.1152, 75.6487, 27.6765



46.1625, 79.1624, 28.9940



53.7951, 46.6167, 33.9626



40.6243, 1.6324, 3.0661



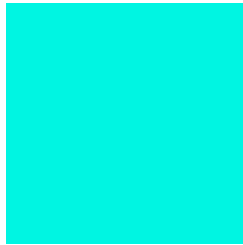
32.3895, 55.5697, 20.1416



9.6391, 16.6106, 5.4267

Previews

White Background



This preview shows how the HunterLab color 84.1402, -48.8525, 0.2905 looks on a white background.

Color Contrast Check

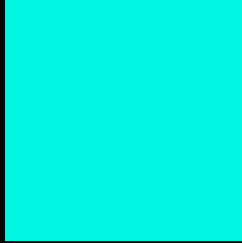
Large Text (above 18pt) WCAG AA × Fail

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 84.1402, -48.8525, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

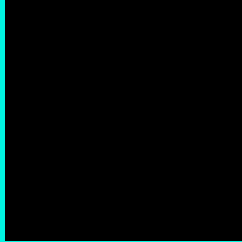
Any Text WCAG AA ✓ Pass

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 84.1402, -48.8525, 0.2905 Background



This preview shows how black text looks on a background with the HunterLab color 84.1402, -48.8525, 0.2905.



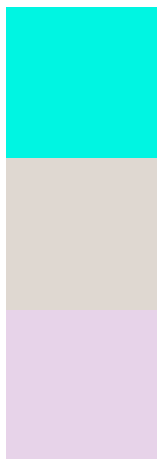
This preview shows how white text looks on a background with the HunterLab color 84.1402,

-48.8525, 0.2905.

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

84.1402, -48.8525, 0.2905

Protanopia

83.3086, -3.3134, 8.3460

Deuteranopia

83.3431, 6.1223, -3.3794



Tritanopia

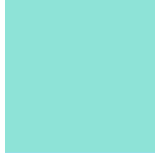
83.8628, -33.3890, -15.7952

Trichromacy



Original Color

84.1402, -48.8525, 0.2905



Protanomaly

80.9909, -29.5746, 2.3245



Deuteranomaly

80.4311, -23.7905, -6.0407



Tritanomaly

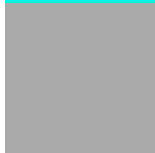
83.5918, -40.6362, -9.9083

Monochromacy



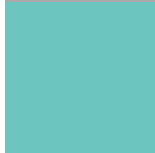
Original Color

84.1402, -48.8525, 0.2905



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

68.4386, -27.3209, -0.5100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.1402, -48.8525, 0.2905 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, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 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(0, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 84.1402, -48.8525, 0.2905 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, 245, 226) }
```


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

```
.border{ border-color:rgb(0, 245, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 245, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 245,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.1402, -48.8525, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 226) }
```

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

```
.background{ background-color: rgb(0, 245,  
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](#).

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