

Converting Colors

HunterLab(83.6338, -51.3880,
6.3995)

Have a look what the booklet for
HunterLab(83.6338, -51.3880,
6.3995) contains.

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Color

**HunterLab(83.7008,
-51.4990, 6.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	00F5D4
RGB	0, 245, 212
RGB Percent	0%, 96%, 83%
CMY	0.9998, 0.0392, 0.1686
CMYK	1.00, 0.00, 0.13, 0.04
HSL	172°, 100%, 48%
HSV	172°, 100%, 96%
XYZ	44.5360, 70.0582, 73.4627
YIQ	167.9830, -135.4270, -62.2030

Conversions

Conversions Part 2

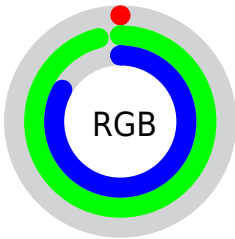
Format	Color
RYB	0, 131, 245
Decimal	62932
CIELab	87.03, -55.72, 2.22
CIElCh	87, 55.765, 177.722
Yxy	70.0609, 0.2368, 0.3725
Android (android.graphics.Color)	4278253012 (0xFF00F5D4)
YUV	167.9830, 21.7004, -147.3211
Hunter-Lab	83.7008, -51.4990, 6.5528

Details

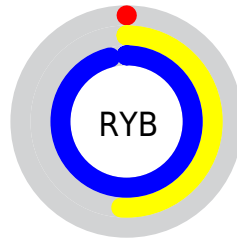
The HunterLab color **83.7008, -51.4990, 6.5528** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **44.1863, 75.9133, 26.6207**, and the grayscale version is **62.5292, -3.3364, 3.3973**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **61.9960, -38.9462, 6.5840** is the 20% darker color. If you saturate the color by 10%, you get **83.7020, -51.5013, 6.5564**, and if you desaturate by 10%, it is **83.9225, -50.4108, 5.2660**.

Distribution



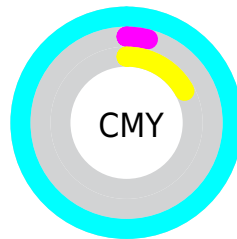
- Red (0%)
- Green (96%)
- Blue (83%)



- Red (0%)
- Yellow (51%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (100%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7008, -51.4990, 6.5528 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 83.7008, -51.4990, 6.5528 by changing the saturation by 10% instead.


 83.7008, -51.4990,
6.5528


 83.7008, -51.4990,
6.5528


214.6541,
-79.8429, 14.4345


 71.8166, -47.8992,
5.8048


 109.2225,
-58.3248, 8.1326


 60.5536, -44.1377,
5.0839


 122.8065,
-61.5894, 8.9610


 49.9500, -40.1760,
4.3921


 136.9112,
-64.7748, 9.8143

 40.0498, -35.9598,
3.7300

 151.5179,
-67.8922, 10.6920

 30.9069, -31.4112,
3.0986

 166.6101,
-70.9507, 11.5935

 22.5902, -26.4121,
2.4981

182.1725,

 15.1919, -21.5175,

-73.9579, 12.5180

1.9282

198.1914,
-76.9201, 13.4652

■ 8.8199, -15.4348,
1.5218

0.0000, NaN, NaN

■ 83.7008, -51.4990,
6.5528

■ 83.7008, -51.4990,
6.5528

■ 83.7020, -51.5013,
6.5564

■ 83.9225, -50.4108,
5.2660

■ 84.2940, -48.7152,
4.1426

■ 84.8610, -46.2479,
3.2449

■ 85.6469, -42.9354,
2.6093

■ 86.6687, -38.7403,
2.2621

■ 87.9375, -33.6556,
2.2211

■ 89.4603, -27.7000,
2.4955

■ 91.2397, -20.9134,
3.0868

■ 93.2751, -13.3515,
3.9901

Harmonies

Analogous

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



83.7024, -45.0692, 27.4316



83.7008, -51.4990, 6.5528



83.7024, -46.7585, -22.7430

Triad

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



83.7024, -51.4994, 6.5537



83.7024, 21.8977, -54.1722



83.7024, 26.0573, 37.1730

Complementary

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



83.7008, -51.4990, 6.5528



44.1863, 75.9133, 26.6207

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.



83.7024, 48.3456, 24.9408



83.7008, -51.4990, 6.5528



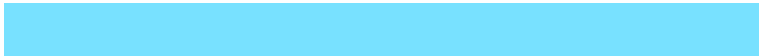
83.7024, 45.7321, -27.4318

Square

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



83.7024, -51.4994, 6.5537



83.7024, -6.5864, -63.9137



83.7024, 55.9727, 2.5081



83.7024, -2.3337, 41.1236

Rectangle

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



83.7008, -51.4990, 6.5528



83.7024, -37.5054, -42.5209



83.7024, 55.9727, 2.5081



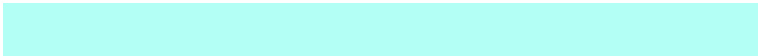
83.7024, 34.6447, 34.1410

Sweetspot

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



83.7024, -51.4994, 6.5537



93.6045, -29.0437, 2.6077



81.0535, -68.2679, 48.7486



42.9796, -14.7042, 1.1321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7024, -51.4994, 6.5537



87.5908, -53.9088, 6.8928



56.1090, -6.1646, -56.8206



43.2633, -6.0037, 1.8729



61.4465, -37.7257, 4.6362



18.2452, -11.0118, 0.9664

Inverse Universe

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



44.1863, 75.9133, 26.6207



46.2359, 79.4346, 27.9057



51.0238, 54.0304, 32.3849



40.6434, 1.7350, 2.7938



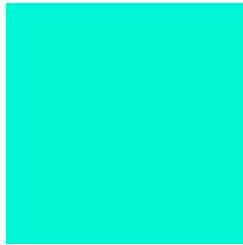
32.4475, 55.7848, 19.2819



9.6771, 16.7513, 4.8660

Previews

White Background



This preview shows how the HunterLab color 83.7008, -51.4990, 6.5528 looks on a white background.

Color Contrast Check

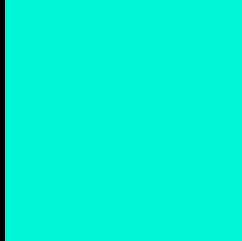
Large Text (above 18pt) WCAG AA × Fail

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 83.7008, -51.4990, 6.5528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

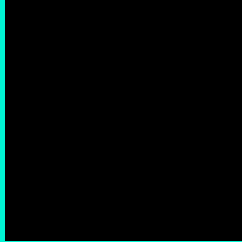
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

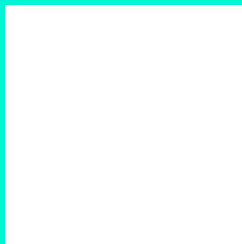
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.7008, -51.4990, 6.5528 Background



This preview shows how black text looks on a background with the HunterLab color 83.7008, -51.4990, 6.5528.



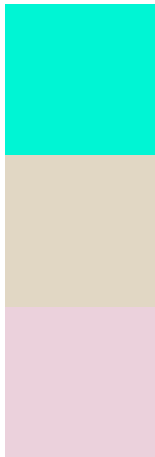
This preview shows how white text looks on a background with the HunterLab color 83.7008,

-51.4990, 6.5528.

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

83.7008, -51.4990, 6.5528

Protanopia

82.8215, -4.1669, 13.5749

Deuteranopia

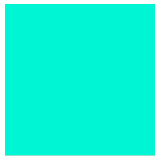
82.7227, 6.2383, 2.5525



Tritanopia

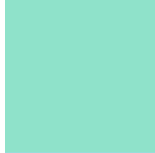
83.6433, -34.2295, -16.1207

Trichromacy



Original Color

83.7008, -51.4990, 6.5528



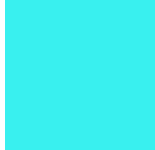
Protanomaly

80.3098, -31.2221, 7.6877



Deuteranomaly

79.8350, -25.1831, 0.0010



Tritanomaly

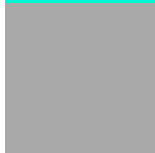
83.3199, -42.0615, -7.5048

Monochromacy



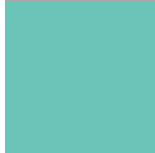
Original Color

83.7008, -51.4990, 6.5528



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

67.8722, -28.1615, 1.7161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7008, -51.4990, 6.5528 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7008, -51.4990, 6.5528 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, 212) }
```


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

```
.border{ border-color:rgb(0, 245, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 245,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7008, -51.4990, 6.5528 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, 212) }
```

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

```
.background{ background-color: rgb(0, 245,  
212) }
```

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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