

Converting Colors

HunterLab(77.8273, -78.4844,
-4.1359)

Have a look what the booklet for
HunterLab(77.8273, -78.4844,
-4.1359) contains.

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Color

**HunterLab(84.2458,
-50.7902, 4.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	00F6DA
RGB	0, 246, 218
RGB Percent	0%, 96%, 85%
CMY	0.9998, 0.0353, 0.1451
CMYK	1.00, 0.00, 0.11, 0.04
HSL	173°, 100%, 48%
HSV	173°, 100%, 96%
XYZ	45.6107, 70.9735, 77.6250
YIQ	169.2540, -137.6280, -60.8600

Conversions

Conversions Part 2

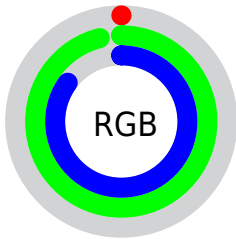
Format	Color
RYB	0, 130, 246
Decimal	63194
CIELab	87.47, -54.55, -0.27
CIELCh	87, 54.548, 180.279
Yxy	70.9763, 0.2349, 0.3655
Android (android.graphics.Color)	4278253274 (0xFF00F6DA)
YUV	169.2540, 24.0318, -148.4358
Hunter-Lab	84.2458, -50.7902, 4.3416

Details

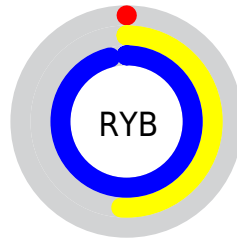
The HunterLab color **84.2458, -50.7902, 4.3416** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **44.3608, 76.1520, 27.1950**, and the grayscale version is **63.0459, -3.3640, 3.4254**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **62.4816, -38.4691, 4.9471** is the 20% darker color. If you saturate the color by 10%, you get **84.2470, -50.7925, 4.3451**, and if you desaturate by 10%, it is **84.4548, -49.7813, 3.2422**.

Distribution



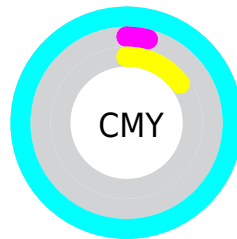
- Red (0%)
- Green (96%)
- Blue (85%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (100%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.2458, -50.7902, 4.3416 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 84.2458, -50.7902, 4.3416 by changing the saturation by 10% instead.


 84.2458, -50.7902,
4.3416

 84.2458, -50.7902,
4.3416


215.3997,
-78.6274, 11.3924


 72.3345, -47.2644,
3.7061


 109.8180,
-57.4823, 5.7120


 61.0430, -43.5832,
3.1042


 123.4257,
-60.6859, 6.4422

 50.4091, -39.7095,
2.5388


 137.5531,
-63.8134, 7.2011

 40.4764, -35.5913,
2.0125

 152.1819,
-66.8757, 7.9876

 31.2983, -31.1536,
1.5285

 167.2954,
-69.8814, 8.8008

 22.9430, -26.2831,
1.0909

182.8785,

 15.5012, -21.2887,

-72.8380, 9.6398

0.7050

198.9175,
-75.7515, 10.5039

■ 9.0959, -15.9179,
0.3741

0.0000, NaN, NaN

■ 84.2458, -50.7902,
4.3416

■ 84.2458, -50.7902,
4.3416

■ 84.2470, -50.7925,
4.3451

■ 84.4548, -49.7813,
3.2422

■ 84.8136, -48.1669,
2.3168

■ 85.3681, -45.7819,
1.6278

■ 86.1421, -42.5513,
1.2106

■ 87.1525, -38.4362,
1.0901

■ 88.4109, -33.4282,
1.2824

■ 89.9242, -27.5446,
1.7950

■ 91.6955, -20.8240,
2.6276

■ 93.7239, -13.3215,
3.7733

Harmonies

Analogous

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



84.2474, -45.3783, 25.7595



84.2458, -50.7902, 4.3416



84.2474, -45.1742, -24.6457

Triad

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



84.2474, -50.7905, 4.3426



84.2474, 23.6071, -50.8740



84.2474, 23.1092, 37.4251

Complementary

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



84.2458, -50.7902, 4.3416



44.3608, 76.1520, 27.1950

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.



84.2474, 45.7416, 26.0614



84.2458, -50.7902, 4.3416



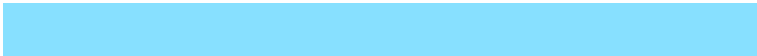
84.2474, 46.0539, -24.0865

Square

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



84.2474, -50.7905, 4.3426



84.2474, -4.2443, -62.1101



84.2474, 54.6189, 4.8283



84.2474, -4.7549, 40.7747

Rectangle

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



84.2458, -50.7902, 4.3416



84.2474, -35.4628, -43.5184



84.2474, 54.6189, 4.8283



84.2474, 31.7022, 34.6413

Sweetspot

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



84.2474, -50.7905, 4.3426



93.6568, -28.7443, 1.8642



81.3459, -68.9398, 48.9169



43.0071, -14.5453, 0.7398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.2474, -50.7905, 4.3426



87.7549, -52.9189, 4.5507



53.8713, -2.0972, -62.8035



43.2706, -5.9634, 1.7698



61.5598, -37.0424, 3.0196



18.2750, -10.8323, 0.5417

Inverse Universe

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



44.3608, 76.1520, 27.1950



46.2048, 79.3195, 28.3655



52.5916, 50.6524, 33.2917



40.6364, 1.6975, 2.8935



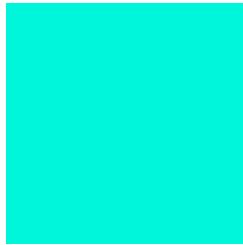
32.4234, 55.6953, 19.6396



9.6632, 16.7000, 5.0703

Previews

White Background



This preview shows how the HunterLab color 84.2458, -50.7902, 4.3416 looks on a white background.

Color Contrast Check

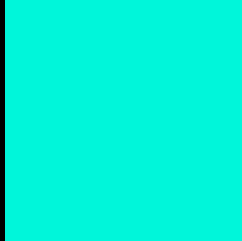
Large Text (above 18pt) WCAG AA × Fail

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 84.2458, -50.7902, 4.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

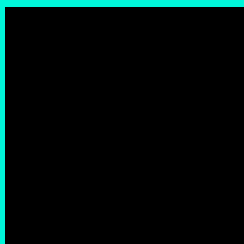
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

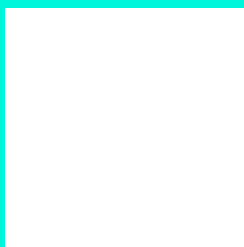
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.2458, -50.7902, 4.3416 Background



This preview shows how black text looks on a background with the HunterLab color 84.2458, -50.7902, 4.3416.



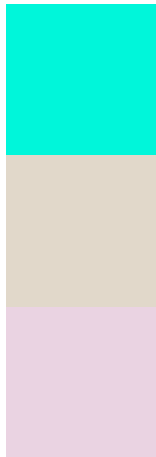
This preview shows how white text looks on a background with the HunterLab color 84.2458, -50.7902, 4.3416.

-50.7902, 4.3416.

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

84.2458, -50.7902, 4.3416

Protanopia

83.2968, -3.7613, 11.4884

Deuteranopia

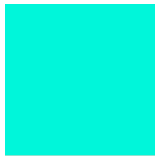
83.4098, 5.8757, 0.3545



Tritanopia

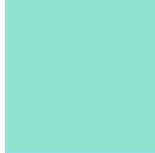
83.9292, -33.1356, -15.6970

Trichromacy



Original Color

84.2458, -50.7902, 4.3416



Protanomaly

80.8281, -30.6280, 5.4966



Deuteranomaly

80.6403, -25.1992, -2.0796



Tritanomaly

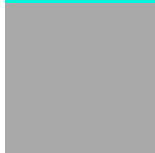
83.5391, -40.9874, -8.8614

Monochromacy



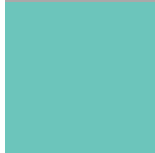
Original Color

84.2458, -50.7902, 4.3416



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

68.3436, -27.8742, 0.8393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.2458, -50.7902, 4.3416 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, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 246, 218)  
}
```

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, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 246, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 84.2458, -50.7902, 4.3416 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, 246, 218) }
```


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

```
.border{ border-color:rgb(0, 246, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 246,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.2458, -50.7902, 4.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 246, 218) }
```

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

```
.background{ background-color: rgb(0, 246,  
218) }
```

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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