

Converting Colors

HunterLab(85.8486, -83.5581,
5.6641)

Have a look what the booklet for
HunterLab(85.8486, -83.5581,
5.6641) contains.

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Color

**HunterLab(87.5111,
-54.3906, 8.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFDA
RGB	0, 255, 218
RGB Percent	0%, 100%, 85%
CMY	0.9998, 0.0000, 0.1451
CMYK	1.00, 0.00, 0.15, 0.00
HSL	171°, 100%, 50%
HSV	171°, 100%, 100%
XYZ	48.4149, 76.5819, 78.5597
YIQ	174.5370, -140.1030, -65.5670

Conversions

Conversions Part 2

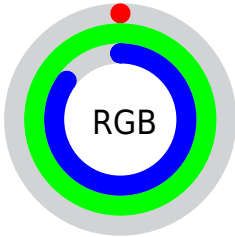
Format	Color
RYB	0, 137, 255
Decimal	65498
CIELab	90.13, -58.13, 3.60
CIELCh	90, 58.245, 176.457
Yxy	76.5824, 0.2378, 0.3762
Android (android.graphics.Color)	4278255578 (0xFF00FFDA)
YUV	174.5370, 21.4273, -153.0689
Hunter-Lab	87.5111, -54.3906, 8.0325

Details

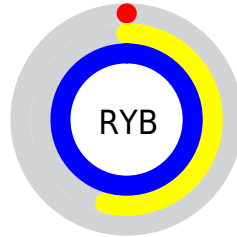
The HunterLab color **87.5111, -54.3906, 8.0325** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.2548, 79.4957, 27.6446**, and the grayscale version is **65.2446, -3.4813, 3.5449**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.2509, -41.4850, 7.9962** is the 20% darker color. If you saturate the color by 10%, you get **87.5109, -54.3917, 8.0351**, and if you desaturate by 10%, it is **87.7450, -53.2224, 6.5811**.

Distribution



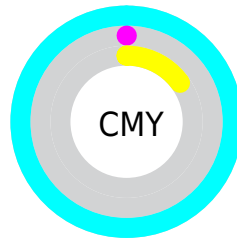
- Red (0%)
- Green (100%)
- Blue (85%)



- Red (0%)
- Yellow (54%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5111, -54.3906, 8.0325 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 87.5111, -54.3906, 8.0325 by changing the saturation by 10% instead.


 87.5111, -54.3906,
8.0325


 87.5111, -54.3906,
8.0325


219.8497,
-83.5209, 16.4507


 75.4389, -50.6958,
7.2106


 113.3798,
-61.4000, 9.7459


 63.9790, -46.8414,
6.4134


 127.1274,
-64.7553, 10.6377


 53.1666, -42.7888,
5.6407


 141.3897,
-68.0300, 11.5523

 43.0429, -38.4870,
4.8922

 156.1488,
-71.2351, 12.4891

 33.6585, -33.8633,
4.1674

 171.3884,
-74.3797, 13.4477

 25.0770, -28.8098,
3.4648

187.0939,

 17.3819, -23.2413,

-77.4714, 14.4278

2.7809

203.2518,
-80.5167, 15.4289

■ 10.6905, -18.7084,
2.1074

■ 1.1953, -2.0918,
0.8367

■ 87.5111, -54.3906,
8.0325

■ 87.5111, -54.3906,
8.0325

■ 87.5109, -54.3917,
8.0351

■ 87.7450, -53.2224,
6.5811

■ 88.1383, -51.4136,
5.2974

■ 88.7368, -48.7929,
4.2448

■ 89.5656, -45.2825,
3.4621

■ 90.6423, -40.8432,
2.9783

■ 91.9789, -35.4681,
2.8128

■ 93.5824, -29.1775,
2.9766

■ 95.4558, -22.0137,
3.4723

■ 97.5981, -14.0362,
4.2955

Harmonies

Analogous

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



87.5114, -47.1037, 29.6376



87.5111, -54.3906, 8.0325



87.5114, -49.8791, -22.8424

Triad

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



87.5114, -54.3895, 8.0319



87.5114, 22.0536, -58.6066



87.5114, 28.9192, 38.8540

Complementary

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



87.5111, -54.3906, 8.0325



46.2548, 79.4957, 27.6446

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.



87.5114, 52.1061, 25.5518



87.5111, -54.3906, 8.0325



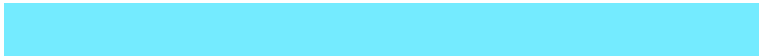
87.5114, 47.7880, -30.5970

Square

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



87.5114, -54.3895, 8.0319



87.5114, -8.1509, -68.0012



87.5114, 59.4281, 1.3639



87.5114, -1.1421, 43.3139

Rectangle

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



87.5111, -54.3906, 8.0325



87.5114, -40.4162, -44.0590



87.5114, 59.4281, 1.3639



87.5114, 37.9218, 35.5400

Sweetspot

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



87.5114, -54.3895, 8.0319



93.5787, -29.1920, 2.9758



84.8162, -71.4636, 51.0111



42.9659, -14.7829, 1.3262

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5114, -54.3895, 8.0319



87.5109, -54.3917, 8.0351



58.6592, -6.3577, -59.5909



45.2034, -6.3101, 2.0091



63.2715, -39.2346, 5.6124



19.7730, -12.0615, 1.3229

Inverse Universe

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



46.2548, 79.4957, 27.6446



46.2532, 79.4989, 27.6486



53.3409, 56.6942, 33.8592



42.4618, 1.8508, 2.8694



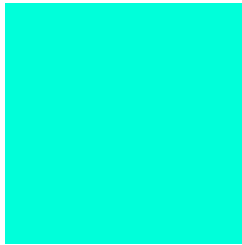
33.4537, 57.5375, 19.7014



10.4971, 18.1698, 5.2858

Previews

White Background



This preview shows how the HunterLab color 87.5111, -54.3906, 8.0325 looks on a white background.

Color Contrast Check

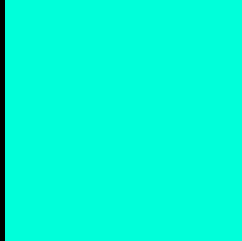
Large Text (above 18pt) WCAG AA × Fail

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 87.5111, -54.3906, 8.0325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

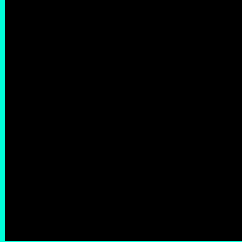
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

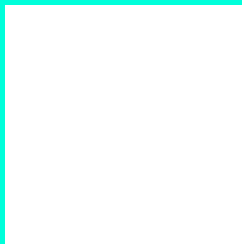
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5111, -54.3906, 8.0325 Background



This preview shows how black text looks on a background with the HunterLab color 87.5111, -54.3906, 8.0325.



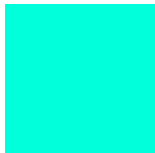
This preview shows how white text looks on a background with the HunterLab color 87.5111, -54.3906, 8.0325.

-54.3906, 8.0325.

Color Blindness Simulation

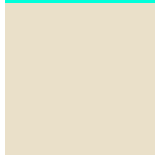
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



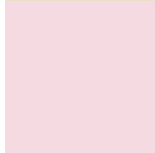
Original Color

87.5111, -54.3906, 8.0325



Protanopia

86.6145, -4.9869, 15.4583



Deuteranopia

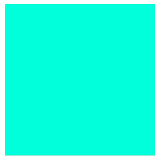
86.6293, 5.9348, 4.2400



Tritanopia

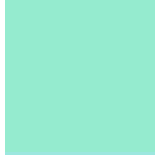
87.2123, -27.7570, -11.0638

Trichromacy



Original Color

87.5111, -54.3906, 8.0325



Protanomaly

83.8518, -33.1390, 9.3489



Deuteranomaly

83.3951, -26.9227, 1.2833



Tritanomaly

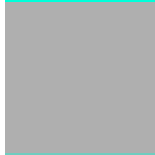
86.3699, -40.7935, -5.1596

Monochromacy



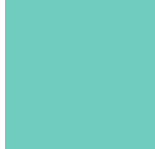
Original Color

87.5111, -54.3906, 8.0325



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.9414, -29.6596, 1.9997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5111, -54.3906, 8.0325 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, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5111, -54.3906, 8.0325 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, 255, 218) }
```


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

```
.border{ border-color:rgb(0, 255, 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, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5111, -54.3906, 8.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 218) }
```

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

```
.background{ background-color: rgb(0, 255,  
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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