

Converting Colors

HunterLab(83.9230, -45.1304,
3.6190)

Have a look what the booklet for
HunterLab(83.9230, -45.1304,
3.6190) contains.

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Color

**HunterLab(83.8338,
-45.0120, 3.4727)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FF2DB |
| RGB | 79, 242, 219 |
| RGB Percent | 31%, 95%, 86% |
| CMY | 0.6902, 0.0510, 0.1412 |
| CMYK | 0.67, 0.00, 0.10, 0.05 |
| HSL | 172°, 86%, 63% |
| HSV | 172°, 67%, 95% |
| XYZ | 47.7628, 70.2811, 78.0662 |
| YIQ | 190.6410, -89.7650, -41.7090 |

Conversions

Conversions Part 2

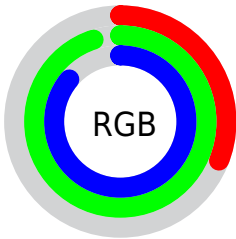
| Format | Color |
|-------------------------------------|---|
| RYB | 79, 167, 242 |
| Decimal | 5239515 |
| CIELab | 87.14, -47.03, -1.19 |
| CIELCh | 87, 47.045, 181.444 |
| Yxy | 70.2838, 0.2436, 0.3584 |
| Android (android.graphics.Color) | 4283429595 (0xFF4FF2DB) |
| YUV | 190.6410, 13.9810, -97.9092 |
| Hunter-Lab | 83.8338, -45.0120, 3.4727 |

Details

The HunterLab color **83.8338, -45.0120, 3.4727** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **50.4287, 59.7590, 17.3379**, and the grayscale version is **72.0004, -3.8418, 3.9119**.

A 20% lighter version of the original color is **92.1646, -33.7670, -4.6615**, and **61.1378, -36.7744, 2.9685** is the 20% darker color. If you saturate the color by 10%, you get **83.2165, -47.6888, 4.3553**, and if you desaturate by 10%, it is **84.6751, -41.4896, 2.8553**.

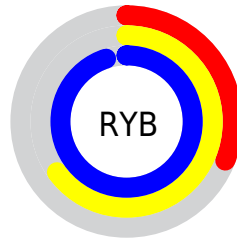
Distribution



Red (31%)

Green (95%)

Blue (86%)



Red (31%)

Yellow (65%)

Blue (95%)

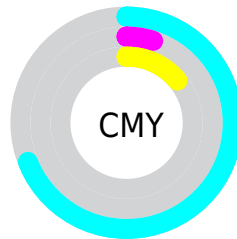


Cyan (67%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (69%)


Magenta (5%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.8338, -45.0120, 3.4727 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 83.8338, -45.0120, 3.4727 by changing the saturation by 10% instead.


 83.8338, -45.0120,
3.4727


 83.8338, -45.0120,
3.4727


214.8362,
-69.8247, 10.2076


 71.9430, -41.9110,
2.8798


 109.3679,
-50.9250, 4.7638


 60.6730, -38.6835,
2.3227


 122.9577,
-53.7677, 5.4567

 50.0620, -35.2985,
1.8049


 137.0679,
-56.5503, 6.1797

 40.1538, -31.7119,
1.3295

 151.6800,
-59.2818, 6.9315

 31.0023, -27.8597,
0.9005

166.7774,
-61.9694, 7.7110

 22.6762, -23.6434,
0.5231

182.3449,

 15.2672, -19.0596,

-64.6191, 8.5175

0.2047

198.3687,
-67.2361, 9.3499

■ 8.8881, -15.5542,
-0.0691

0.0000, NaN, NaN

■ 83.8338, -45.0120,
3.4727

■ 83.8338, -45.0120,
3.4727

■ 83.2165, -47.6888,
4.3553

■ 84.6751, -41.4896,
2.8553

■ 82.7973, -49.5803,
5.4669


■ 85.7507, -37.0922,
2.5243


■ 82.5466, -50.7979,
6.7623


■ 87.0720, -31.8209,
2.4963


■ 82.4945, -51.0624,
7.1182


■ 88.6445, -25.7007,
2.7789

 90.4698, -18.7758,
3.3725

 92.5465, -11.1047,
4.2710

 94.8703, -2.7560,
5.4631

 95.6244, 0.0563,
4.7033

 95.7352, 0.6570,
3.1241

Harmonies

Analogous

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



83.8354, -40.5683, 22.6098



83.8338, -45.0120, 3.4727



83.8354, -39.6293, -21.0802

Triad

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



83.8354, -45.0125, 3.4737



83.8354, 20.4031, -40.9789



83.8354, 18.2182, 34.2051

Complementary

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



83.8338, -45.0120, 3.4727



50.4287, 59.7590, 17.3379

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.



83.8354, 37.6304, 24.0216



83.8338, -45.0120, 3.4727



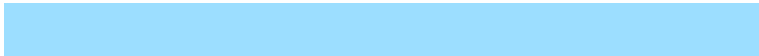
83.8354, 38.9863, -18.6767

Square

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



83.8354, -45.0125, 3.4737



83.8354, -3.3368, -50.7377



83.8354, 45.6084, 5.6386



83.8354, -5.6126, 37.1496

Rectangle

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



83.8338, -45.0120, 3.4727



83.8354, -30.8072, -36.4572



83.8354, 45.6084, 5.6386



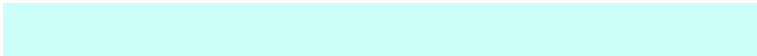
83.8354, 25.5646, 31.6844

Sweetspot

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



83.8354, -45.0125, 3.4737



95.4581, -21.9926, 3.3764



81.8425, -58.5769, 44.0456



43.9076, -11.1430, 1.4761

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8354, -45.0125, 3.4737



88.1148, -51.4797, 5.0523



65.3856, -14.5295, -36.1399



42.2946, -5.8738, 1.8628



60.4756, -37.3479, 5.0342



17.4727, -10.5917, 1.0251

Inverse Universe

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



50.4287, 59.7590, 17.3379



48.9441, 73.6360, 22.8081



60.8825, 30.7935, 30.8495



39.7431, 1.6985, 2.7005



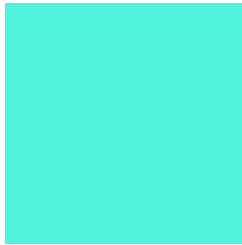
31.9612, 54.9666, 18.8535



9.2789, 16.0774, 4.5465

Previews

White Background



This preview shows how the HunterLab color 83.8338, -45.0120, 3.4727 looks on a white background.

Color Contrast Check

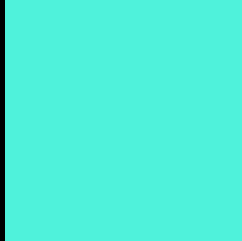
Large Text (above 18pt) WCAG AA × Fail

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 83.8338, -45.0120, 3.4727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

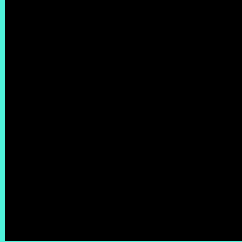
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

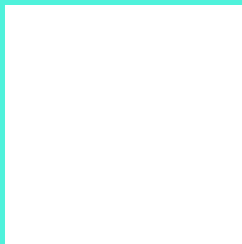
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.8338, -45.0120, 3.4727 Background



This preview shows how black text looks on a background with the HunterLab color 83.8338, -45.0120, 3.4727.



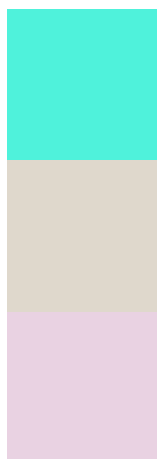
This preview shows how white text looks on a background with the HunterLab color 83.8338,

-45.0120, 3.4727.

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

83.8338, -45.0120, 3.4727

Protanopia

83.1621, -4.1145, 10.4438

Deuteranopia

83.0107, 6.0675, -0.1340



Tritanopia

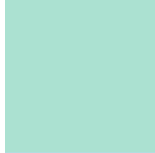
83.6873, -32.2874, -16.0243

Trichromacy



Original Color

83.8338, -45.0120, 3.4727



Protanomaly

81.9218, -23.0255, 6.4196



Deuteranomaly

81.8030, -17.5291, -0.4993



Tritanomaly

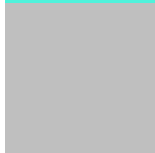
83.6299, -37.0331, -8.6715

Monochromacy



Original Color

83.8338, -45.0120, 3.4727



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.3620, -22.5340, 2.5695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8338, -45.0120, 3.4727 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(79, 242, 219)` looks like.

```
.text, #text, p{  
    color:rgb(79, 242, 219)  
}
```

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(79, 242, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 242, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8338, -45.0120, 3.4727 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(79, 242, 219) }
```


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

```
.border{ border-color:rgb(79, 242, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 242, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(79, 242,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8338, -45.0120, 3.4727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 242, 219) }
```

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

```
.background{ background-color: rgb(79, 242,  
219) }
```

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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