

Converting Colors

HunterLab(84.9335, -70.2374,
45.4630)

Have a look what the booklet for
HunterLab(84.9335, -70.2374,
45.4630) contains.

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Color

**HunterLab(84.9379,
-70.2093, 45.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF53
RGB	0, 255, 83
RGB Percent	0%, 100%, 33%
CMY	1.0000, 0.0000, 0.6745
CMYK	1.00, 0.00, 0.67, 0.00
HSL	140°, 100%, 50%
HSV	140°, 100%, 100%
XYZ	37.3213, 72.1445, 20.1419
YIQ	159.1470, -96.7680, -107.5520

Conversions

Conversions Part 2

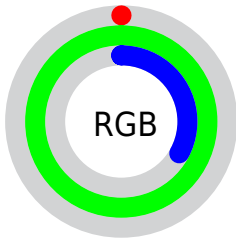
Format	Color
RYB	0, 192, 255
Decimal	65363
CIELab	88.04, -82.30, 65.42
CIELCh	88, 105.134, 141.522
Yxy	72.1447, 0.2880, 0.5566
Android (android.graphics.Color)	4278255443 (0xFF00FF53)
YUV	159.1470, -37.5405, -139.5719
Hunter-Lab	84.9379, -70.2093, 45.3967

Details

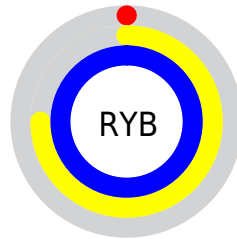
The HunterLab color **84.9379, -70.2093, 45.3967** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **49.2328, 90.3618, -15.0836**, and the grayscale version is **59.1195, -3.1545, 3.2121**.

A 20% lighter version of the original color is **87.8609, -56.5847, 36.4060**, and **62.8561, -53.7341, 37.4318** is the 20% darker color. If you saturate the color by 10%, you get **84.9380, -70.2092, 45.3965**, and if you desaturate by 10%, it is **85.2392, -68.5797, 42.9008**.

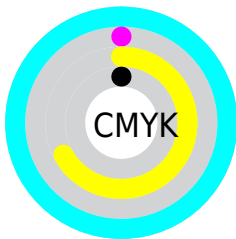
Distribution



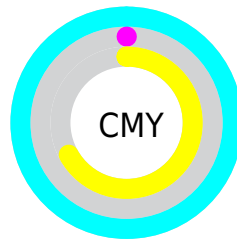
- Red (0%)
- Green (100%)
- Blue (33%)



- Red (0%)
- Yellow (75%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9379, -70.2093, 45.3967 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 84.9379, -70.2093, 45.3967 by changing the saturation by 10% instead.


 84.9379, -70.2093,
45.3967

 84.9379, -70.2093,
45.3967


216.3435,
-109.5993, 78.7286


 72.9910, -65.0524,
41.0912


 110.5722,
-79.8884, 53.5290

 61.6635, -59.6286,
36.5947


 124.2098,
-84.4734, 57.3982


 50.9914, -53.8788,
31.8791


 138.3660,
-88.9196, 61.1582

 41.0177, -47.7239,
26.9203

 153.0226,
-93.2449, 64.8225

 31.7954, -41.0554,
22.2350

 168.1630,
-97.4640, 68.4026

 23.3914, -33.7233,
16.3740

183.7722,

 15.8951, -27.8164,

-101.5895, 71.9082

11.1265

199.8365,
-105.6316, 75.3478

■ 9.4333, -16.5083,
6.6033

0.0000, NaN, NaN

■ 84.9379, -70.2093,
45.3967

■ 84.9379, -70.2093,
45.3967

■ 84.9380, -70.2092,
45.3965

■ 85.2392, -68.5797,
42.9008

■ 85.7426, -66.0269,
39.9541

■ 86.4959, -62.3691,
36.5942

■ 87.5247, -57.5362,
32.8588

■ 88.8458, -51.5096,
28.7938

■ 90.4692, -44.3132,
24.4517

■ 92.3991, -36.0053,
19.8888

■ 94.6349, -26.6702,
15.1620

■ 97.1714, -16.4094,
10.3263

Harmonies

Analogous

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



84.9380, -38.6119, 54.2998



84.9379, -70.2093, 45.3967



84.9380, -83.3338, 17.6455

Triad

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



84.9380, -70.2089, 45.3960



84.9380, -18.9693, -156.7002



84.9380, 111.8088, 32.9332

Complementary

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



84.9379, -70.2093, 45.3967



49.2328, 90.3618, -15.0836

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.



84.9380, 120.7505, -10.8555



84.9379, -70.2093, 45.3967



84.9380, 35.9343, -142.8614

Square

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



84.9380, -70.2089, 45.3960



84.9380, -58.8485, -110.7816



84.9380, 90.2597, -79.9052



84.9380, 68.1742, 50.7661

Rectangle

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



84.9379, -70.2093, 45.3967



84.9380, -82.7808, -16.9764



84.9380, 90.2597, -79.9052



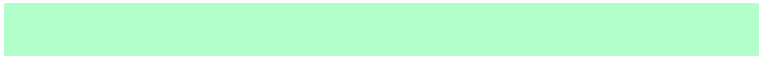
84.9380, 119.3346, 21.7144

Sweetspot

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



84.9380, -70.2089, 45.3960



92.3987, -36.0073, 19.8898



89.7483, -51.1077, 54.4077



42.3541, -18.3395, 10.1027

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9380, -70.2089, 45.3960



84.9380, -70.2092, 45.3965



87.2276, -56.1083, 12.0950



45.0174, -7.3474, 4.6662



61.4177, -50.6279, 32.5244



19.2143, -15.4874, 9.4166

Inverse Universe

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



49.2328, 90.3618, -15.0836



49.2326, 90.3619, -15.0828



46.3286, 79.7772, 26.5355



42.6543, 2.8845, 0.1267



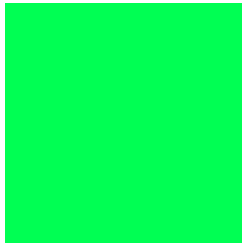
35.6283, 65.4629, -11.4612



11.2073, 20.7491, -4.8216

Previews

White Background



This preview shows how the HunterLab color 84.9379, -70.2093, 45.3967 looks on a white background.

Color Contrast Check

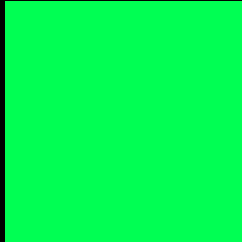
Large Text (above 18pt) WCAG AA × Fail

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 84.9379, -70.2093, 45.3967 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 84.9379, -70.2093, 45.3967 Background



This preview shows how black text looks on a background with the HunterLab color 84.9379, -70.2093, 45.3967.



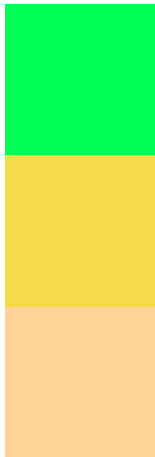
This preview shows how white text looks on a background with the HunterLab color 84.9379, -70.2093, 45.3967.

-70.2093, 45.3967.

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

84.9379, -70.2093, 45.3967

Protanopia

83.9979, -10.5887, 47.1246

Deuteranopia

83.7155, 3.0095, 30.9021



Tritanopia

84.5992, -30.5872, -14.7101

Trichromacy



Original Color

84.9379, -70.2093, 45.3967



Protanomaly

80.8189, -44.4595, 43.8711



Deuteranomaly

80.0787, -37.2994, 34.0767



Tritanomaly

83.6439, -51.0080, 15.2988

Monochromacy



Original Color

84.9379, -70.2093, 45.3967



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

65.5660, -36.4555, 20.3459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9379, -70.2093, 45.3967 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9379, -70.2093, 45.3967 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, 83) }
```


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

```
.border{ border-color:rgb(0, 255, 83) }
```

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, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.9379, -70.2093, 45.3967 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, 83) }
```

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

```
.background{ background-color: rgb(0, 255,  
83) }
```

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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