

Converting Colors

HunterLab(85.0029, -69.8421,
44.7394)

Have a look what the booklet for
HunterLab(85.0029, -69.8421,
44.7394) contains.

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Color

**HunterLab(85.0040,
-69.8343, 44.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	05FF58
RGB	5, 255, 88
RGB Percent	2%, 100%, 35%
CMY	0.9804, 0.0000, 0.6549
CMYK	0.98, 0.00, 0.65, 0.00
HSL	140°, 100%, 51%
HSV	140°, 98%, 100%
XYZ	37.5840, 72.2568, 21.1985
YIQ	161.2120, -95.3930, -104.9370

Conversions

Conversions Part 2

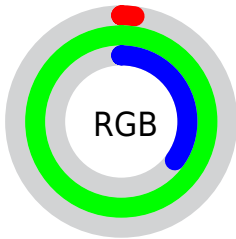
Format	Color
R_{YB}	5, 193, 255
Decimal	393048
CIE _{Lab}	88.09, -81.68, 63.55
CIE _{LCh}	88, 103.489, 142.115
Yxy	72.2570, 0.2868, 0.5514
Android (android.graphics.Color)	4278583128 (0xFF05FF58)
YUV	161.2120, -36.0935, -136.9979
Hunter-Lab	85.0040, -69.8343, 44.7169

Details

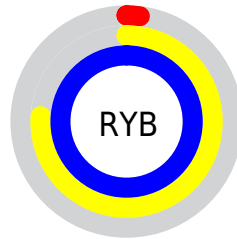
The HunterLab color **85.0040, -69.8343, 44.7169** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **49.3430, 89.9717, -14.9191**, and the grayscale version is **59.9584, -3.1992, 3.2577**.

A 20% lighter version of the original color is **87.9688, -56.0091, 35.4419**, and **62.8855, -53.5499, 36.9975** is the 20% darker color. If you saturate the color by 10%, you get **84.9532, -70.1138, 45.1715**, and if you desaturate by 10%, it is **85.3372, -68.0521, 42.1004**.

Distribution



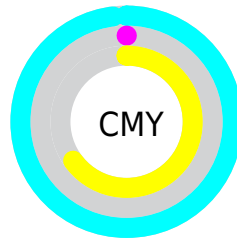
- Red (2%)
- Green (100%)
- Blue (35%)



- Red (2%)
- Yellow (76%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)





- Cyan (98%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.0040, -69.8343, 44.7169 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 85.0040, -69.8343, 44.7169 by changing the saturation by 10% instead.


 85.0040, -69.8343,
44.7169

 85.0040, -69.8343,
44.7169


216.4337,
-108.9515, 77.2236

 73.0538, -64.7165,
40.5242


 110.6444,
-79.4422, 52.6382


 61.7229, -59.3346,
36.1452


 124.2848,
-83.9944, 56.4088


 51.0471, -53.6302,
31.5511


 138.4438,
-88.4094, 60.0742

 41.0696, -47.5247,
26.7148

 153.1030,
-92.7049, 63.6479

 31.8430, -40.9105,
22.0134

 168.2460,
-96.8956, 67.1407

 23.4344, -33.6383,
16.4041

183.8577,

 15.9329, -27.8825,

-100.9936, 70.5624

11.1530

199.9244,
-105.0093, 73.9210

■ 9.4651, -16.5640,
6.6256

0.0000, NaN, NaN

■ 85.0040, -69.8343,
44.7169

■ 85.0040, -69.8343,
44.7169

■ 84.9532, -70.1138,
45.1715

■ 85.3372, -68.0521,
42.1004

■ 85.8883, -65.2847,
39.0543

■ 86.6943, -61.3988,
35.6128

■ 87.7789, -56.3356,
31.8159

■ 89.1574, -50.0855,
27.7114

■ 90.8387, -42.6794,
23.3528

■ 92.8259, -34.1812,
18.7962

■ 95.1174, -24.6786,
14.0978

■ 97.7077, -14.2747,
9.3110

Harmonies

Analogous

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



85.0041, -38.9414, 53.9575



85.0040, -69.8343, 44.7169



85.0041, -82.5256, 16.6470

Triad

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



85.0041, -69.8339, 44.7162



85.0041, -17.8017, -153.3440



85.0041, 109.0748, 33.1685

Complementary

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



85.0040, -69.8343, 44.7169



49.3430, 89.9717, -14.9191

Split Complementary

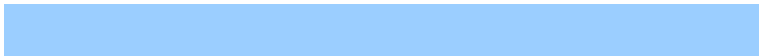
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0041, 118.6151, -9.4534



85.0040, -69.8343, 44.7169



85.0041, 36.3857, -138.6693

Square

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



85.0041, -69.8339, 44.7162



85.0041, -57.5512, -109.5686



85.0041, 89.4299, -76.7471



85.0041, 65.8308, 50.6251

Rectangle

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



85.0040, -69.8343, 44.7169



85.0041, -81.7613, -17.8052



85.0041, 89.4299, -76.7471



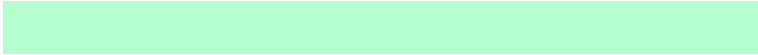
85.0041, 116.6894, 22.2367

Sweetspot

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



85.0041, -69.8339, 44.7162



92.6211, -35.0455, 19.2424



89.8565, -50.6636, 54.3873



42.4471, -17.9306, 9.8082

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0041, -69.8339, 44.7162



84.9532, -70.1138, 45.1715



87.2720, -55.8754, 11.7436



45.0196, -7.3350, 4.6345



61.4290, -50.5574, 32.3580



19.2183, -15.4625, 9.3579

Inverse Universe

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



49.3430, 89.9717, -14.9191



49.1682, 90.1309, -14.1876



46.4826, 79.5130, 26.0631



42.6518, 2.8714, 0.1614



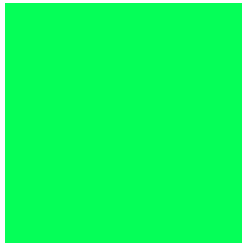
35.5821, 65.2973, -10.8196



11.1938, 20.7008, -4.6352

Previews

White Background



This preview shows how the HunterLab color 85.0040, -69.8343, 44.7169 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 85.0040, -69.8343, 44.7169 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 85.0040, -69.8343, 44.7169 Background



This preview shows how black text looks on a background with the HunterLab color 85.0040, -69.8343, 44.7169.



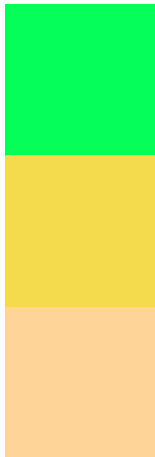
This preview shows how white text looks on a background with the HunterLab color 85.0040, -69.8343, 44.7169.

-69.8343, 44.7169.

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

85.0040, -69.8343, 44.7169

Protanopia

83.9322, -10.7399, 46.4391

Deuteranopia

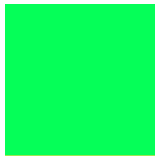
84.0321, 2.5949, 30.8663



Tritanopia

84.6404, -30.4314, -14.6498

Trichromacy



Original Color

85.0040, -69.8343, 44.7169



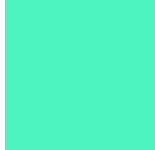
Protanomaly

80.9262, -43.9426, 43.2486



Deuteranomaly

80.6004, -36.9285, 33.7414



Tritanomaly

83.7700, -50.3929, 14.6126

Monochromacy



Original Color

85.0040, -69.8343, 44.7169



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

66.1018, -35.9438, 19.8723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0040, -69.8343, 44.7169 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(5, 255, 88)` looks like.

```
.text, #text, p{  
    color:rgb(5, 255, 88)  
}
```

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(5, 255, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 255, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0040, -69.8343, 44.7169 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(5, 255, 88) }
```


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

```
.border{ border-color:rgb(5, 255, 88) }
```

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

Here you see how a box with a 4 pixel rgb(5, 255, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(5, 255, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.0040, -69.8343, 44.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 255, 88) }
```

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

```
.background{ background-color: rgb(5, 255,  
88) }
```

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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