

Converting Colors

HunterLab(84.1246, -65.4474,
43.7951)

Have a look what the booklet for
HunterLab(84.1246, -65.4474,
43.7951) contains.

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Color

**HunterLab(84.2069,
-65.4701, 43.7729)**

Conversions

Conversions Part 1	
Format	Color
Hex	42FB5B
RGB	66, 251, 91
RGB Percent	26%, 98%, 36%
CMY	0.7412, 0.0157, 0.6431
CMYK	0.74, 0.00, 0.64, 0.02
HSL	128°, 96%, 62%
HSV	128°, 74%, 98%
XYZ	38.6323, 70.9080, 21.5480
YIQ	177.4450, -58.9000, -88.9800

Conversions

Conversions Part 2

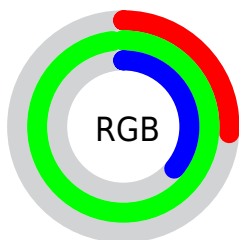
Format	Color
RYB	66, 229, 251
Decimal	4389723
CIELab	87.44, -75.49, 61.79
CIELCh	87, 97.557, 140.697
Yxy	70.9110, 0.2947, 0.5409
Android (android.graphics.Color)	4282579803 (0xFF42FB5B)
YUV	177.4450, -42.6174, -97.7373
Hunter-Lab	84.2069, -65.4701, 43.7729

Details

The HunterLab color **84.2069, -65.4701, 43.7729** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **54.6788, 85.3663, -42.8329**, and the grayscale version is **66.6832, -3.5581, 3.6230**.

A 20% lighter version of the original color is **88.9469, -51.9571, 35.4990**, and **61.8334, -52.4809, 36.0049** is the 20% darker color. If you saturate the color by 10%, you get **83.6062, -68.3990, 46.2933**, and if you desaturate by 10%, it is **85.0955, -61.2616, 40.5367**.

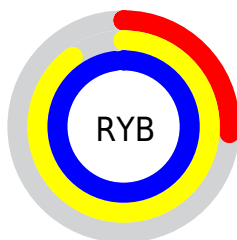
Distribution



Red (26%)

Green (98%)

Blue (36%)



Red (26%)

Yellow (90%)

Blue (98%)

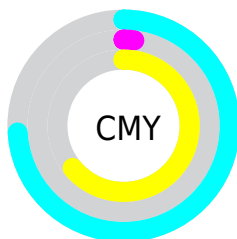


Cyan (74%)

Magenta (0%)

Yellow (64%)

Black (2%)



Cyan (74%)


Magenta (2%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.2069, -65.4701, 43.7729 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 84.2069, -65.4701, 43.7729 by changing the saturation by 10% instead.


 84.2069, -65.4701,
43.7729


 84.2069, -65.4701,
43.7729


215.3467,
-102.0231, 75.5625

 72.2977, -60.7119,
39.6757


 109.7756,
-74.4200, 51.5159


 61.0082, -55.7107,
35.3940


 123.3816,
-78.6660, 55.2015

 50.3764, -50.4132,
30.8991


 137.5075,
-82.7882, 58.7850

 40.4460, -44.7452,
26.1621

 152.1347,
-86.8028, 62.2794

 31.2704, -38.6030,
21.5235

167.2467,
-90.7232, 65.6956

 22.9178, -31.8394,
16.0425


182.8283,

 15.4791, -27.0884,


-94.5607, 69.0431


10.8354


198.8659,
-98.3246, 72.3298


 9.0766, -15.8840,
6.3536


0.0000, NaN, NaN


 84.2069, -65.4701,
43.7729


 84.2069, -65.4701,
43.7729


 83.6062, -68.3990,
46.2933


 85.0955, -61.2616,
40.5367


 83.2560, -70.1568,
48.1139


 86.2885, -55.7223,
36.5917


 83.1338, -70.7932,
48.9121


 87.8016, -48.8594,
31.9698

 89.6413, -40.7242,
26.7219

 91.8085, -31.4030,
20.9129

 94.2986, -21.0066,
14.6168

 97.1036, -9.6600,
7.9103

 98.7306, -3.2133,
3.9669

Harmonies

Analogous

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



84.2086, -35.1442, 52.6168



84.2069, -65.4701, 43.7729



84.2086, -78.4984, 17.7676

Triad

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



84.2086, -65.4712, 43.7733



84.2086, -19.1280, -139.5253



84.2086, 102.4100, 30.4097

Complementary

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



84.2069, -65.4701, 43.7729



54.6788, 85.3663, -42.8329

Split Complementary

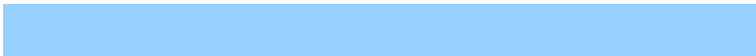
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2086, 109.4684, -11.1507



84.2069, -65.4701, 43.7729



84.2086, 31.2747, -128.8543

Square

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



84.2086, -65.4712, 43.7733



84.2086, -56.0470, -97.7878



84.2086, 81.0482, -73.7638



84.2086, 63.5172, 48.5179

Rectangle

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



84.2069, -65.4701, 43.7729



84.2086, -78.2547, -13.7125



84.2086, 81.0482, -73.7638



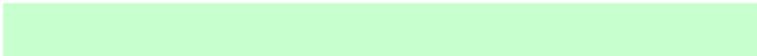
84.2086, 108.8833, 19.5176

Sweetspot

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



84.2086, -65.4712, 43.7733



93.8766, -30.2598, 20.2432



92.5278, -32.7632, 53.1387



43.1324, -15.2669, 10.1428

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.2086, -65.4712, 43.7733



84.9360, -70.5570, 48.0272



85.7797, -55.8274, 20.8504



43.9857, -7.5286, 5.4555



60.2815, -51.2628, 35.3149



18.3766, -15.4058, 10.2876

Inverse Universe

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



54.6788, 85.3663, -42.8329



52.5714, 95.6473, -46.0047



51.1110, 71.2943, 6.6485



41.8113, 3.1897, -0.8745



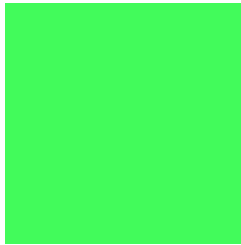
36.6496, 69.9977, -32.3968



11.2020, 21.4724, -10.5030

Previews

White Background



This preview shows how the HunterLab color 84.2069, -65.4701, 43.7729 looks on a white background.

Color Contrast Check

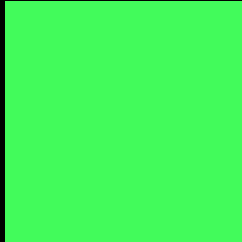
Large Text (above 18pt) WCAG AA × Fail

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 84.2069, -65.4701, 43.7729 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 84.2069, -65.4701, 43.7729 Background



This preview shows how black text looks on a background with the HunterLab color 84.2069, -65.4701, 43.7729.



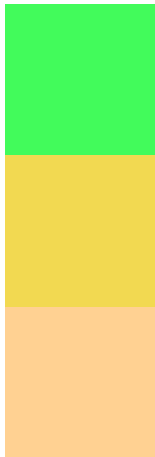
This preview shows how white text looks on a background with the HunterLab color 84.2069,

-65.4701, 43.7729.

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

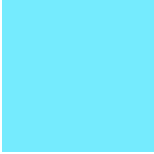
84.2069, -65.4701, 43.7729

Protanopia

83.1246, -10.3636, 45.4871

Deuteranopia

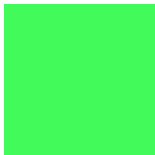
83.0279, 3.5349, 31.8040



Tritanopia

83.8775, -29.8807, -15.1180

Trichromacy



Original Color
84.2069, -65.4701, 43.7729



Protanomaly
81.3385, -36.9628, 43.2086

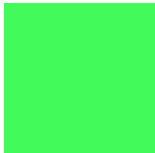


Deuteranomaly
80.7817, -29.4017, 34.7753

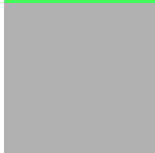


Tritanomaly
83.3351, -46.5726, 13.8026

Monochromacy



Original Color
84.2069, -65.4701, 43.7729



Achromatopsia
66.3066, -3.5380, 3.6026



Achromatomaly
71.1192, -31.3482, 20.6036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.2069, -65.4701, 43.7729 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(66, 251, 91)` looks like.

```
.text, #text, p{  
    color:rgb(66, 251, 91)  
}
```

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(66, 251, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 251, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 84.2069, -65.4701, 43.7729 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(66, 251, 91) }
```


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

```
.border{ border-color:rgb(66, 251, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 251, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 251, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 251, 91);  
box-shadow:4px 4px 4px 4px rgb(66, 251,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.2069, -65.4701, 43.7729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 251, 91) }
```

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

```
.background{ background-color: rgb(66, 251,  
91) }
```

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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