

Converting Colors

HunterLab(83.3377, -67.2370,
43.1525)

Have a look what the booklet for
HunterLab(83.3377, -67.2370,
43.1525) contains.

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Color

**HunterLab(83.3366,
-67.2283, 43.1331)**

Conversions

Conversions Part 1

Format	Color
Hex	21FA5B
RGB	33, 250, 91
RGB Percent	13%, 98%, 36%
CMY	0.8706, 0.0196, 0.6431
CMYK	0.87, 0.00, 0.64, 0.02
HSL	136°, 96%, 55%
HSV	136°, 87%, 98%
XYZ	36.7011, 69.4499, 21.3683
YIQ	166.9910, -78.2930, -95.4530

Conversions

Conversions Part 2

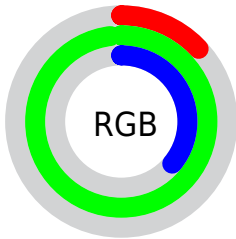
Format	Color
RYB	33, 204, 250
Decimal	2226779
CIELab	86.73, -78.69, 60.89
CIELCh	87, 99.496, 142.268
Yxy	69.4527, 0.2878, 0.5446
Android (android.graphics.Color)	4280416859 (0xFF21FA5B)
YUV	166.9910, -37.4636, -117.5101
Hunter-Lab	83.3366, -67.2283, 43.1331

Details

The HunterLab color **83.3366, -67.2283, 43.1331** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **50.2181, 88.0110, -26.3950**, and the grayscale version is **62.3341, -3.3260, 3.3867**.

A 20% lighter version of the original color is **88.2079, -54.9698, 35.1121**, and **61.4802, -52.1449, 35.7208** is the 20% darker color. If you saturate the color by 10%, you get **83.0075, -68.9680, 45.4780**, and if you desaturate by 10%, it is **83.8956, -64.4565, 40.2784**.

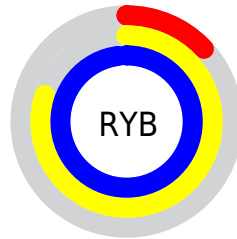
Distribution



Red (13%)

Green (98%)

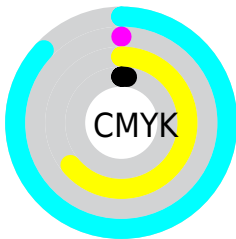
Blue (36%)



Red (13%)

Yellow (80%)

Blue (98%)

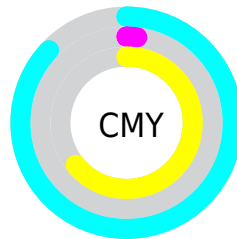


Cyan (87%)

Magenta (0%)

Yellow (64%)

Black (2%)



Cyan (87%)


Magenta (2%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.3366, -67.2283, 43.1331 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 83.3366, -67.2283, 43.1331 by changing the saturation by 10% instead.


 83.3366, -67.2283,
43.1331


 83.3366, -67.2283,
43.1331


214.1556,
-105.2164, 74.5814


 71.4706, -62.2605,
39.0785


 108.8246,
-76.5566, 50.7934


 60.2268, -57.0330,
34.8398


 122.3927,
-80.9756, 54.4391

 49.6436, -51.4885,
30.3879


 136.4821,
-85.2619, 57.9837

 39.7651, -45.5480,
25.6932

 151.0741,
-89.4328, 61.4403

 30.6459, -39.1017,
21.1228

166.1520,
-93.5027, 64.8196

 22.3552, -31.9960,
15.6486

181.7005,

 14.9861, -26.2256,

-97.4834, 68.1312

10.4902

197.7060,
-101.3852, 71.3829

■ 8.6302, -15.1029,
6.0411

0.0000, NaN, NaN

■ 83.3366, -67.2283,
43.1331

■ 83.3366, -67.2283,
43.1331

■ 83.0075, -68.9680,
45.4780


■ 83.8956, -64.4565,
40.2784


■ 82.9319, -69.3788,
46.1112


■ 84.7126, -60.5331,
36.9330


■ 85.8117, -55.4057,
33.1290


■ 87.2074, -49.0701,
28.9099

 88.9076, -41.5634,
24.3281

 90.9148, -32.9553,
19.4423

 93.2263, -23.3390,
14.3133

 95.8360, -12.8227,
9.0006

 98.4144, -2.6805,
3.5989

Harmonies

Analogous

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



83.3383, -37.5805, 52.3817



83.3366, -67.2283, 43.1331



83.3383, -79.4286, 15.8363

Triad

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



83.3383, -67.2293, 43.1335



83.3383, -16.8910, -144.5982



83.3383, 103.3660, 32.0991

Complementary

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



83.3366, -67.2283, 43.1331



50.2181, 88.0110, -26.3950

Split Complementary

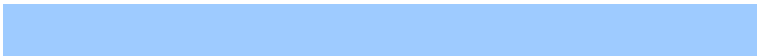
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3383, 112.5846, -8.6076



83.3366, -67.2283, 43.1331



83.3383, 34.8288, -130.5483

Square

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



83.3383, -67.2293, 43.1335



83.3383, -55.1265, -103.7475



83.3383, 85.1191, -72.2107



83.3383, 62.2658, 49.1036

Rectangle

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



83.3366, -67.2283, 43.1331



83.3383, -78.6339, -17.1200



83.3383, 85.1191, -72.2107



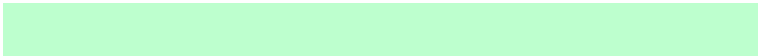
83.3383, 110.6315, 21.5936

Sweetspot

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



83.3383, -67.2293, 43.1335



93.1543, -32.9812, 19.4878



89.2794, -43.8070, 53.2910



42.7478, -16.7404, 9.8353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3383, -67.2293, 43.1335



84.8170, -70.9658, 47.1809



85.3452, -54.8889, 13.9344



44.0289, -7.2871, 4.8369



60.4155, -50.4231, 33.3349



18.4320, -15.0599, 9.4717

Inverse Universe

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



50.2181, 88.0110, -26.3950



49.8408, 92.5388, -23.4897



46.9543, 75.8073, 19.7631



41.7621, 2.9264, -0.1760



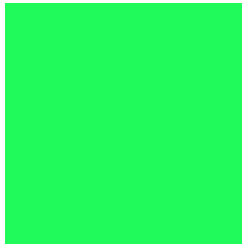
35.5290, 66.0305, -17.2434



10.8936, 20.3836, -6.3560

Previews

White Background



This preview shows how the HunterLab color 83.3366, -67.2283, 43.1331 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 83.3366, -67.2283, 43.1331 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 83.3366, -67.2283, 43.1331 Background



This preview shows how black text looks on a background with the HunterLab color 83.3366, -67.2283, 43.1331.



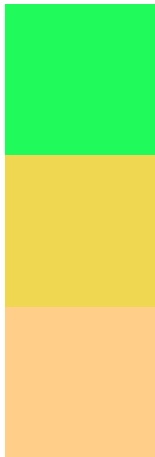
This preview shows how white text looks on a background with the HunterLab color 83.3366, -67.2283, 43.1331.

-67.2283, 43.1331.

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

83.3366, -67.2283, 43.1331

Protanopia

82.2923, -10.1331, 44.9221

Deuteranopia

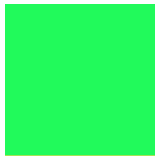
82.2925, 3.7905, 33.4509



Tritanopia

82.9943, -31.5485, -15.7985

Trichromacy



Original Color

83.3366, -67.2283, 43.1331



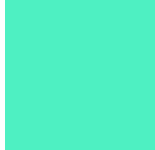
Protanomaly

80.0887, -40.0828, 42.2862



Deuteranomaly

79.4698, -32.8424, 34.8982



Tritanomaly

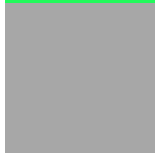
82.3620, -48.6881, 13.1572

Monochromacy



Original Color

83.3366, -67.2283, 43.1331



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

67.5634, -33.4351, 19.6119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3366, -67.2283, 43.1331 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(33, 250, 91)` looks like.

```
.text, #text, p{  
    color:rgb(33, 250, 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(33, 250, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 250, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3366, -67.2283, 43.1331 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(33, 250, 91) }
```


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

```
.border{ border-color:rgb(33, 250, 91) }
```

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

Here you see how a box with a 4 pixel rgb(33, 250, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 250, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 250, 91);  
box-shadow:4px 4px 4px 4px rgb(33, 250,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3366, -67.2283, 43.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 250, 91) }
```

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

```
.background{ background-color: rgb(33, 250,  
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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