

Converting Colors

HunterLab(83.6182, -50.6035,
39.1501)

Have a look what the booklet for
HunterLab(83.6182, -50.6035,
39.1501) contains.

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Color

**HunterLab(83.6020,
-50.5685, 39.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	87F273
RGB	135, 242, 115
RGB Percent	53%, 95%, 45%
CMY	0.4706, 0.0510, 0.5490
CMYK	0.44, 0.00, 0.52, 0.05
HSL	111°, 83%, 70%
HSV	111°, 52%, 95%
XYZ	44.8383, 69.8929, 27.3471
YIQ	195.5290, -23.0050, -62.1810

Conversions

Conversions Part 2

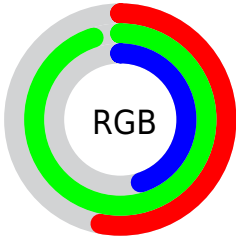
Format	Color
RYB	115, 242, 222
Decimal	8909427
CIELab	86.95, -54.50, 51.30
CIELCh	87, 74.846, 136.729
Yxy	69.8959, 0.3156, 0.4919
Android (android.graphics.Color)	4287099507 (0xFF87F273)
YUV	195.5290, -39.7008, -53.0839
Hunter-Lab	83.6020, -50.5685, 39.1270

Details

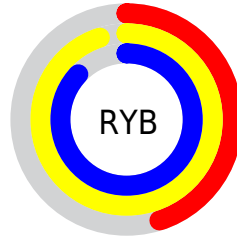
The HunterLab color **83.6020, -50.5685, 39.1270** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **58.4843, 57.2327, -48.1257**, and the grayscale version is **74.2692, -3.9628, 4.0352**.

A 20% lighter version of the original color is **92.6574, -36.6044, 32.4355**, and **60.4496, -43.4219, 32.0186** is the 20% darker color. If you saturate the color by 10%, you get **82.3878, -56.1017, 42.6941**, and if you desaturate by 10%, it is **85.0790, -43.9411, 34.5794**.

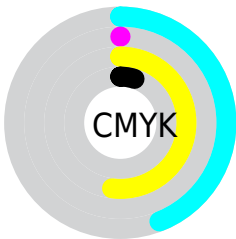
Distribution



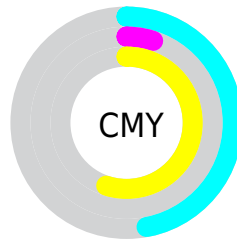
- Red (53%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (52%)
- Black (5%)





- Cyan (47%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6020, -50.5685, 39.1270 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 83.6020, -50.5685, 39.1270 by changing the saturation by 10% instead.


 83.6020, -50.5685,
39.1270


 83.6020, -50.5685,
39.1270


214.5191,
-78.4177, 66.3757


 71.7229, -47.0394,
35.6565


 109.1148,
-57.2676, 45.7051

 60.4651, -43.3523,
32.0324


 122.6944,
-60.4731, 48.8477

 49.8670, -39.4705,
28.2251


 136.7949,
-63.6019, 51.9116

 39.9727, -35.3413,
24.1980

151.3977,
-66.6651, 54.9077

 30.8361, -30.8882,
19.9190

166.4860,
-69.6714, 57.8451

 22.5265, -25.9953,
15.7686

182.0447,

 15.1361, -21.1490,

-72.6283, 60.7314

10.5952

198.0599,
-75.5420, 63.5731

■ 8.7689, -15.3456,
6.1383

0.0000, NaN, NaN

■ 83.6020, -50.5685,
39.1270

■ 83.6020, -50.5685,
39.1270

■ 82.3878, -56.1017,
42.6941

■ 85.0790, -43.9411,
34.5794

■ 81.4242, -60.5173,
45.2924


■ 86.8162, -36.2629,
29.0669


■ 80.7008, -63.8337,
46.9728


■ 88.8142, -27.6057,
22.6313

■ 80.1999, -66.1102,
47.8320

■ 91.0688, -18.0552,
15.3318

 79.9507, -67.2267,
48.0883

 93.5733, -7.7057,
7.2395

 95.9099, 1.6008,
0.6422

Harmonies

Analogous

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



83.6038, -24.1380, 47.0870



83.6020, -50.5685, 39.1270



83.6038, -63.4823, 18.7565

Triad

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



83.6038, -50.5700, 39.1276



83.6038, -20.3126, -92.9085



83.6038, 75.9731, 21.9146

Complementary

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



83.6020, -50.5685, 39.1270



58.4843, 57.2327, -48.1257

Split Complementary

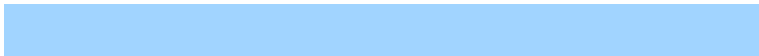
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6038, 77.4885, -12.6896



83.6020, -50.5685, 39.1270



83.6038, 17.2133, -90.7976

Square

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



83.6038, -50.5700, 39.1276



83.6038, -48.1947, -61.9888



83.6038, 54.4758, -57.0813



83.6038, 50.6405, 40.5628

Rectangle

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



83.6020, -50.5685, 39.1270



83.6038, -64.4721, -3.8507



83.6038, 54.4758, -57.0813



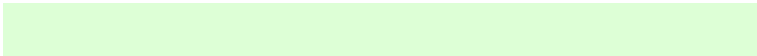
83.6038, 79.4220, 12.1618

Sweetspot

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



83.6038, -50.5700, 39.1276



95.7593, -22.8772, 19.1333



84.7014, -10.1337, 40.6609



44.0731, -11.5558, 9.5954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6038, -50.5700, 39.1276



87.3511, -59.9011, 45.5329



83.4254, -49.8417, 27.7564



42.1614, -6.8995, 5.9607



58.6301, -49.1361, 35.2674



17.0148, -13.7293, 10.2441

Inverse Universe

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



58.4843, 57.2327, -48.1257



56.6233, 73.1014, -62.8925



59.4097, 55.6882, -16.7496



39.8724, 2.7275, -1.7350



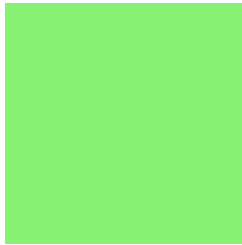
32.2211, 65.8677, -62.0321



9.4721, 19.2458, -17.3258

Previews

White Background



This preview shows how the HunterLab color 83.6020, -50.5685, 39.1270 looks on a white background.

Color Contrast Check

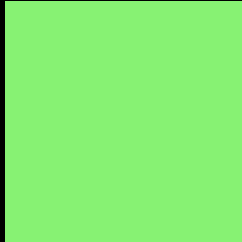
Large Text (above 18pt) WCAG AA × Fail

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 83.6020, -50.5685, 39.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

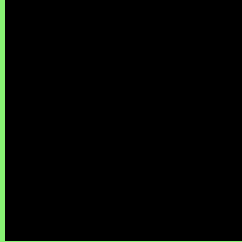
Any Text WCAG AA ✓ Pass

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 83.6020, -50.5685, 39.1270 Background



This preview shows how black text looks on a background with the HunterLab color 83.6020, -50.5685, 39.1270.



This preview shows how white text looks on a background with the HunterLab color 83.6020,

-50.5685, 39.1270.

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

83.6020, -50.5685, 39.1270

Protanopia

83.0891, -9.9272, 41.0996

Deuteranopia

82.7707, 4.2584, 31.0084



Tritanopia

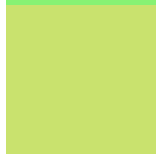
83.4351, -20.0547, -10.8961

Trichromacy



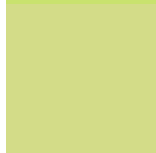
Original Color

83.6020, -50.5685, 39.1270



Protanomaly

82.4233, -27.0830, 39.7032



Deuteranomaly

81.7391, -18.7842, 33.1430



Tritanomaly

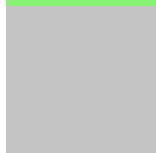
83.0267, -33.2983, 12.4258

Monochromacy



Original Color

83.6020, -50.5685, 39.1270



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.0566, -23.1372, 18.9469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6020, -50.5685, 39.1270 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(135, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(135, 242, 115)  
}
```

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(135, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 242, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6020, -50.5685, 39.1270 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(135, 242, 115) }
```


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

```
.border{ border-color:rgb(135, 242, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 242, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(135, 242,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6020, -50.5685, 39.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 242, 115) }
```

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

```
.background{ background-color: rgb(135,  
242, 115) }
```

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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