

Converting Colors

HunterLab(83.6966, -62.9991,
37.1961)

Have a look what the booklet for
HunterLab(83.6966, -62.9991,
37.1961) contains.

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Color

**HunterLab(83.6966,
-62.9991, 37.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	39F97B
RGB	57, 249, 123
RGB Percent	22%, 98%, 48%
CMY	0.7765, 0.0235, 0.5176
CMYK	0.77, 0.00, 0.51, 0.02
HSL	141°, 94%, 60%
HSV	141°, 77%, 98%
XYZ	39.1381, 70.0512, 30.1973
YIQ	177.2280, -73.9860, -79.8900

Conversions

Conversions Part 2

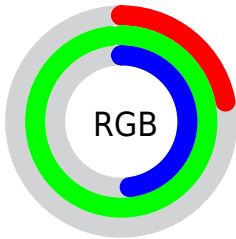
Format	Color
RYB	57, 200, 249
Decimal	3799419
CIELab	87.02, -72.08, 47.20
CIELCh	87, 86.155, 146.782
Yxy	70.0541, 0.2808, 0.5026
Android (android.graphics.Color)	4281989499 (0xFF39F97B)
YUV	177.2280, -26.7344, -105.4400
Hunter-Lab	83.6966, -62.9991, 37.1961

Details

The HunterLab color **83.6966, -62.9991, 37.1961** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **51.4646, 80.1637, -18.4982**, and the grayscale version is **66.5331, -3.5500, 3.6149**.

A 20% lighter version of the original color is **89.2412, -49.5383, 26.1394**, and **61.4138, -50.0178, 31.2122** is the 20% darker color. If you saturate the color by 10%, you get **83.1367, -65.8075, 40.2226**, and if you desaturate by 10%, it is **84.5090, -59.1072, 33.8097**.

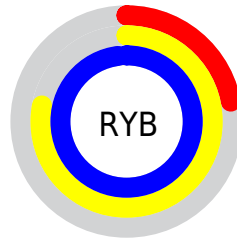
Distribution



Red (22%)

Green (98%)

Blue (48%)



Red (22%)

Yellow (78%)

Blue (98%)

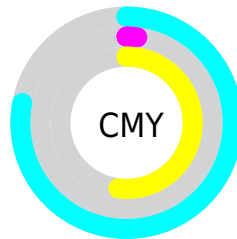


Cyan (77%)

Magenta (0%)

Yellow (51%)

Black (2%)



Cyan (78%)


Magenta (2%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6966, -62.9991, 37.1961 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 83.6966, -62.9991, 37.1961 by changing the saturation by 10% instead.


 83.6966, -62.9991,
37.1961


 83.6966, -62.9991,
37.1961


214.6485,
-98.1479, 62.6741

 71.8127, -58.4365,
33.9742


 109.2181,
-71.5881, 43.3158


 60.5499, -53.6435,
30.6138


 122.8019,
-75.6667, 46.2462

 49.9466, -48.5686,
27.0859


 136.9063,
-79.6287, 49.1076

 40.0466, -43.1400,
23.3538

 151.5129,
-83.4896, 51.9098

 30.9040, -37.2567,
19.3746

166.6049,
-87.2621, 54.6612

 22.5876, -30.7729,
15.8113

182.1672,

 15.1896, -26.2090,

-90.9570, 57.3687

10.6327

198.1859,
-94.5830, 60.0380

■ 8.8178, -15.4311,
6.1724

0.0000, NaN, NaN

■ 83.6966, -62.9991,
37.1961

■ 83.6966, -62.9991,
37.1961

■ 83.1367, -65.8075,
40.2226

■ 84.5090, -59.1072,
33.8097


■ 82.7914, -67.6426,
42.8529


■ 85.5905, -54.0773,
30.1028


■ 82.7160, -68.0572,
43.5281


■ 86.9570, -47.9053,
26.1233


■ 88.6166, -40.6244,
21.9231

 90.5718, -32.2983,
17.5563

 92.8207, -23.0128,
13.0759

 95.3577, -12.8681,
8.5319

 98.0574, -2.3736,
3.8226

 98.0989, -2.1472,
3.2305

Harmonies

Analogous

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



83.6983, -38.5522, 48.7397



83.6966, -62.9991, 37.1961



83.6983, -72.0384, 8.8499

Triad

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



83.6983, -63.0001, 37.1966



83.6983, -9.0592, -118.0957



83.6983, 82.8317, 32.8050

Complementary

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



83.6966, -62.9991, 37.1961



51.4646, 80.1637, -18.4982

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.



83.6983, 95.0676, 0.0216



83.6966, -62.9991, 37.1961



83.6983, 36.1232, -100.4124

Square

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



83.6983, -63.0001, 37.1966



83.6983, -45.1065, -91.5212



83.6983, 76.5056, -50.9742



83.6983, 45.7905, 47.2517

Rectangle

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



83.6966, -62.9991, 37.1961



83.6983, -69.8128, -21.4734



83.6983, 76.5056, -50.9742



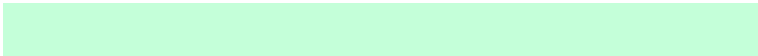
83.6983, 90.2693, 24.2266

Sweetspot

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



83.6983, -63.0001, 37.1966



93.9612, -29.4058, 16.1710



88.5235, -44.7716, 51.1712



43.0978, -15.1582, 8.2477

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6983, -63.0001, 37.1966



85.1793, -68.8522, 43.0003



85.8102, -50.1336, 6.6389



44.0542, -7.1456, 4.4744



60.5362, -49.6682, 31.5545



18.4747, -14.7932, 8.8423

Inverse Universe

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



51.4646, 80.1637, -18.4982



49.7227, 89.0458, -15.2349



48.7733, 69.5839, 19.7822



41.7340, 2.7757, 0.2236



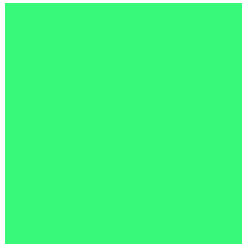
34.9736, 64.0422, -9.5620



10.7367, 19.8241, -4.2029

Previews

White Background



This preview shows how the HunterLab color 83.6966, -62.9991, 37.1961 looks on a white background.

Color Contrast Check

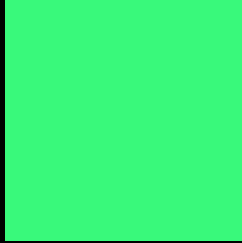
Large Text (above 18pt) WCAG AA × Fail

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 83.6966, -62.9991, 37.1961 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 83.6966, -62.9991, 37.1961 Background



This preview shows how black text looks on a background with the HunterLab color 83.6966, -62.9991, 37.1961.



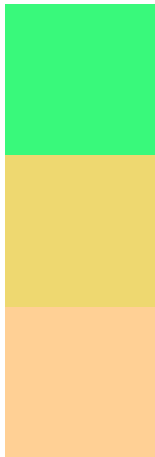
This preview shows how white text looks on a background with the HunterLab color 83.6966, -62.9991, 37.1961.

-62.9991, 37.1961.

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

83.6966, -62.9991, 37.1961

Protanopia

82.7398, -9.4407, 39.8339

Deuteranopia

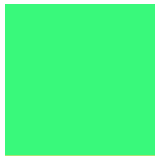
82.7899, 4.3616, 30.7283



Tritanopia

83.5228, -31.2250, -15.6416

Trichromacy



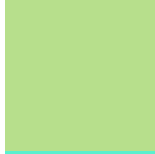
Original Color

83.6966, -62.9991, 37.1961



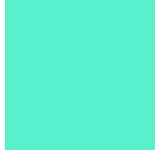
Protanomaly

80.9434, -35.9999, 37.1439



Deuteranomaly

80.4587, -28.4349, 30.7973



Tritanomaly

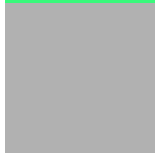
83.0062, -45.4362, 8.6437

Monochromacy



Original Color

83.6966, -62.9991, 37.1961



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

70.8045, -30.3409, 16.3873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6966, -62.9991, 37.1961 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(57, 249, 123)` looks like.

```
.text, #text, p{  
    color:rgb(57, 249, 123)  
}
```

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(57, 249, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 249, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6966, -62.9991, 37.1961 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(57, 249, 123) }
```


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

```
.border{ border-color:rgb(57, 249, 123) }
```

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

Here you see how a box with a 4 pixel rgb(57, 249, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 249, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 249, 123);  
box-shadow:4px 4px 4px 4px rgb(57, 249,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6966, -62.9991, 37.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 249, 123) }
```

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

```
.background{ background-color: rgb(57, 249,  
123) }
```

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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