

Converting Colors

HunterLab(83.0527, -48.8034,
36.2311)

Have a look what the booklet for
HunterLab(83.0527, -48.8034,
36.2311) contains.

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Color

**HunterLab(83.0527,
-48.8034, 36.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	87F07E
RGB	135, 240, 126
RGB Percent	53%, 94%, 49%
CMY	0.4706, 0.0588, 0.5059
CMYK	0.44, 0.00, 0.47, 0.06
HSL	115°, 79%, 72%
HSV	115°, 47%, 94%
XYZ	44.9177, 68.9775, 30.6854
YIQ	195.6090, -25.9860, -57.7140

Conversions

Conversions Part 2

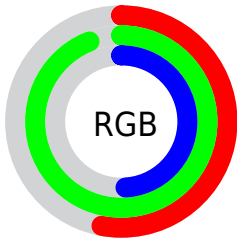
Format	Color
RYB	126, 240, 231
Decimal	8908926
CIELab	86.49, -52.32, 45.59
CIELCh	86, 69.395, 138.935
Yxy	68.9804, 0.3107, 0.4771
Android (android.graphics.Color)	4287099006 (0xFF87F07E)
YUV	195.6090, -34.3172, -53.1541
Hunter-Lab	83.0527, -48.8034, 36.2311

Details

The HunterLab color **83.0527, -48.8034, 36.2311** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.8097, 53.9818, -40.0492**, and the grayscale version is **74.2819, -3.9635, 4.0359**.

A 20% lighter version of the original color is **92.8185, -35.5255, 28.9901**, and **59.9148, -41.8403, 29.7758** is the 20% darker color. If you saturate the color by 10%, you get **81.7228, -54.8678, 40.2762**, and if you desaturate by 10%, it is **84.6782, -41.5392, 31.2468**.

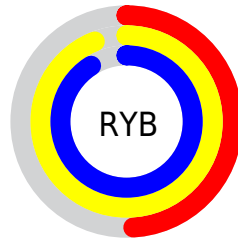
Distribution



Red (53%)

Green (94%)

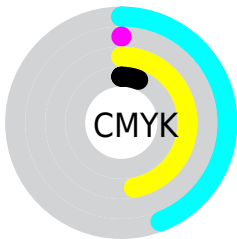
Blue (49%)



Red (49%)

Yellow (94%)

Blue (91%)

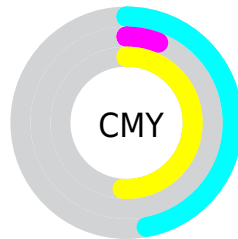


Cyan (44%)

Magenta (0%)

Yellow (47%)

Black (6%)



Cyan (47%)


Magenta (6%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0527, -48.8034, 36.2311 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 83.0527, -48.8034, 36.2311 by changing the saturation by 10% instead.


 83.0527, -48.8034,
36.2311


 83.0527, -48.8034,
36.2311


213.7667,
-75.7914, 61.0485


 71.2010, -45.3935,
33.0997


 108.5143,
-55.2824, 42.1825

 59.9721, -41.8329,
29.8343


 122.0700,
-58.3854, 45.0343

 49.4048, -38.0866,
26.4062


 136.1474,
-61.4161, 47.8201

 39.5434, -34.1032,
22.7786

150.7279,
-64.3849, 50.5499

 30.4426, -29.8084,
18.9071

165.7946,
-67.3003, 53.2314

 22.1723, -25.0888,
15.5032

181.3324,

 14.8260, -20.4273,

-70.1694, 55.8714

10.3782

197.3273,
-72.9980, 58.4755

■ 8.4792, -14.8386,
5.9354

0.0000, NaN, NaN

■ 83.0527, -48.8034,
36.2311

■ 83.0527, -48.8034,
36.2311

■ 81.7228, -54.8678,
40.2762

■ 84.6782, -41.5392,
31.2468

■ 80.6762, -59.6946,
43.3698


■ 86.5958, -33.1381,
25.3608


■ 79.9018, -63.2935,
45.5371


■ 88.8045, -23.6932,
18.6344

■ 79.3795, -65.7222,
46.8452

■ 91.2978, -13.3120,
11.1427

 79.0798, -67.1016,
47.4247

 94.0668, -2.1090,
2.9688

 79.0322, -67.3218,
47.5207

 95.2906, 2.6767,
-0.1006

Harmonies

Analogous

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



83.0545, -24.9029, 44.8233



83.0527, -48.8034, 36.2311



83.0545, -60.0730, 15.7534

Triad

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



83.0545, -48.8048, 36.2317



83.0545, -16.7999, -84.4305



83.0545, 68.1662, 22.5166

Complementary

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



83.0527, -48.8034, 36.2311



61.8097, 53.9818, -40.0492

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.



83.0545, 71.2928, -8.5391



83.0527, -48.8034, 36.2311



83.0545, 18.2273, -80.1675

Square

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



83.0545, -48.8048, 36.2317



83.0545, -43.7100, -58.5955



83.0545, 51.7910, -48.5986



83.0545, 43.8400, 39.4364

Rectangle

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



83.0527, -48.8034, 36.2311



83.0545, -60.3794, -5.8997



83.0545, 51.7910, -48.5986



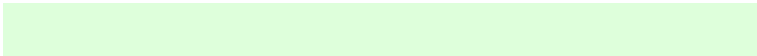
83.0545, 71.8644, 13.7448

Sweetspot

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



83.0545, -48.8048, 36.2317



96.0200, -21.6474, 17.2783



87.6969, -14.7753, 40.4341



44.1637, -11.1041, 8.7771

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0545, -48.8048, 36.2317



87.5853, -58.5931, 43.0253



83.5438, -45.0164, 22.4517



42.0903, -7.1548, 5.8788



58.4913, -49.7287, 35.1715



16.9311, -14.0847, 10.1863

Inverse Universe

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



61.8097, 53.9818, -40.0492



61.1926, 70.0726, -52.7328



61.0548, 48.0131, -10.2504



39.9553, 3.0056, -1.6244



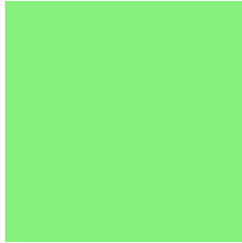
34.4835, 69.0410, -55.1344



10.0395, 20.0466, -15.6341

Previews

White Background



This preview shows how the HunterLab color 83.0527, -48.8034, 36.2311 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 83.0527, -48.8034, 36.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

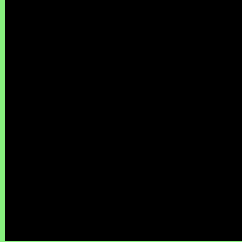
Any Text WCAG AA ✓ Pass

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 83.0527, -48.8034, 36.2311 Background



This preview shows how black text looks on a background with the HunterLab color 83.0527, -48.8034, 36.2311.



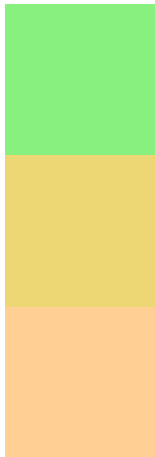
This preview shows how white text looks on a background with the HunterLab color 83.0527,

-48.8034, 36.2311.

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

83.0527, -48.8034, 36.2311

Protanopia

82.3952, -8.9303, 38.5050

Deuteranopia

82.4574, 4.6764, 31.0436



Tritanopia

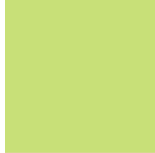
82.9457, -20.2284, -10.9927

Trichromacy



Original Color

83.0527, -48.8034, 36.2311



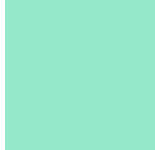
Protanomaly

81.8210, -25.6748, 37.0920



Deuteranomaly

81.4715, -18.0070, 32.1113



Tritanomaly

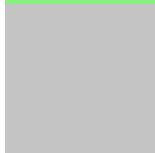
82.7415, -32.4120, 10.3777

Monochromacy



Original Color

83.0527, -48.8034, 36.2311



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

76.8283, -22.1156, 17.2212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0527, -48.8034, 36.2311 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, 240, 126)` looks like.

```
.text, #text, p{  
    color:rgb(135, 240, 126)  
}
```

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, 240, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 240, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0527, -48.8034, 36.2311 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, 240, 126) }
```


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

```
.border{ border-color:rgb(135, 240, 126) }
```

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

Here you see how a box with a 4 pixel rgb(135, 240, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 240, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 240, 126);  
box-shadow:4px 4px 4px 4px rgb(135, 240,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0527, -48.8034, 36.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 240, 126) }
```

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

```
.background{ background-color: rgb(135,  
240, 126) }
```

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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