

Converting Colors

HunterLab(83.1774, -49.6009,
36.1991)

Have a look what the booklet for
HunterLab(83.1774, -49.6009,
36.1991) contains.

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Color

**HunterLab(83.2601,
-49.7945, 36.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	84F17E
RGB	132, 241, 126
RGB Percent	52%, 95%, 49%
CMY	0.4823, 0.0549, 0.5059
CMYK	0.45, 0.00, 0.48, 0.05
HSL	117°, 80%, 72%
HSV	117°, 48%, 95%
XYZ	44.7369, 69.3224, 30.7613
YIQ	195.2990, -28.0490, -58.8730

Conversions

Conversions Part 2

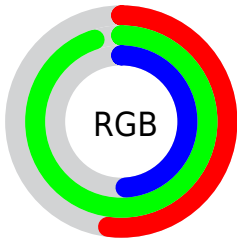
Format	Color
RYB	126, 241, 235
Decimal	8712574
CIELab	86.66, -53.58, 45.77
CIElCh	87, 70.469, 139.493
Yxy	69.3254, 0.3089, 0.4787
Android (android.graphics.Color)	4286902654 (0xFF84F17E)
YUV	195.2990, -34.1644, -55.5132
Hunter-Lab	83.2601, -49.7945, 36.3768

Details

The HunterLab color **83.2601, -49.7945, 36.3768** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.3994, 55.5782, -39.6524**, and the grayscale version is **74.1503, -3.9565, 4.0287**.

A 20% lighter version of the original color is **92.6080, -36.3280, 28.7837**, and **60.1597, -42.6018, 29.9394** is the 20% darker color. If you saturate the color by 10%, you get **81.9341, -55.8576, 40.4315**, and if you desaturate by 10%, it is **84.8951, -42.4744, 31.3864**.

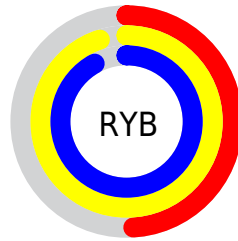
Distribution



Red (52%)

Green (95%)

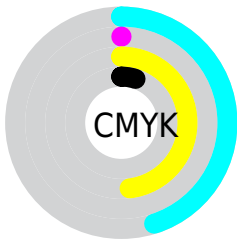
Blue (49%)



Red (49%)

Yellow (95%)

Blue (92%)

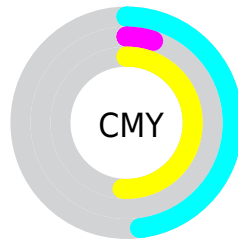


Cyan (45%)

Magenta (0%)

Yellow (48%)

Black (5%)



Cyan (48%)

Magenta (5%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.2601, -49.7945, 36.3768 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 83.2601, -49.7945, 36.3768 by changing the saturation by 10% instead.

83.2601, -49.7945,
36.3768

83.2601, -49.7945,
36.3768

214.0509,
-77.2859, 61.2648

71.3980, -46.3143,
33.2363

108.7411,
-56.4027, 42.3457

60.1582, -42.6790,
29.9615

122.3058,
-59.5657, 45.2057

49.5793, -38.8524,
26.5238

136.3920,
-62.6538, 47.9996

39.7054, -34.7821,
22.8865

150.9808,
-65.6777, 50.7371

30.5911, -30.3923,
19.0054

166.0557,
-68.6461, 53.4262

22.3059, -25.5676,
15.5767

181.6014,

14.9429, -20.8276,

-71.5664, 56.0736

10.4600

197.6040,
-74.4446, 58.6849

■ 8.5898, -15.0322,
6.0129

0.0000, NaN, NaN

■ 83.2601, -49.7945,
36.3768

■ 83.2601, -49.7945,
36.3768

■ 81.9341, -55.8576,
40.4315

■ 84.8951, -42.4744,
31.3864

■ 80.9036, -60.6279,
43.5361


■ 86.8363, -33.9620,
25.5009


■ 80.1556, -64.1215,
45.7145


■ 89.0827, -24.3553,
18.7850


■ 79.6673, -66.4076,
47.0337

■ 91.6278, -13.7682,
11.3178

 79.4052, -67.6263,
47.6273

 94.4619, -2.3231,
3.1859

 79.3698, -67.7930,
47.7205

 95.5999, 2.1386,
0.2709

Harmonies

Analogous

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



83.2619, -25.7907, 45.1789



83.2601, -49.7945, 36.3768



83.2619, -60.9537, 15.4097

Triad

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



83.2619, -49.7959, 36.3774



83.2619, -16.3998, -86.5196



83.2619, 69.1980, 23.2341

Complementary

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



83.2601, -49.7945, 36.3768



62.3994, 55.5782, -39.6524

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.



83.2619, 72.8380, -8.0452



83.2601, -49.7945, 36.3768



83.2619, 19.2897, -81.5381

Square

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



83.2619, -49.7959, 36.3774



83.2619, -43.9040, -60.5436



83.2619, 53.3268, -48.8789



83.2619, 44.0779, 40.0587

Rectangle

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



83.2601, -49.7945, 36.3768



83.2619, -61.1012, -6.7658



83.2619, 53.3268, -48.8789



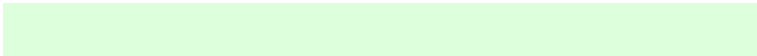
83.2619, 73.1157, 14.4398

Sweetspot

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



83.2619, -49.7959, 36.3774



95.9416, -21.9338, 17.1910



88.7002, -15.8108, 41.1853



44.1228, -11.2543, 8.7324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.2619, -49.7959, 36.3774



87.4277, -59.2390, 42.8990



83.9508, -45.1057, 21.9915



42.0662, -7.2414, 5.8510



58.4609, -49.8586, 35.1505



16.9025, -14.2068, 10.1665

Inverse Universe

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



62.3994, 55.5782, -39.6524



61.7632, 71.3705, -51.5116



61.1499, 48.1681, -9.3629



39.9837, 3.1007, -1.5865



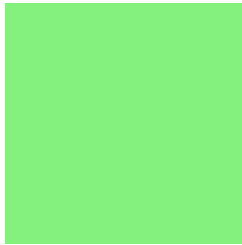
35.2781, 70.1767, -52.8774



10.2377, 20.3309, -15.0775

Previews

White Background



This preview shows how the HunterLab color 83.2601, -49.7945, 36.3768 looks on a white background.

Color Contrast Check

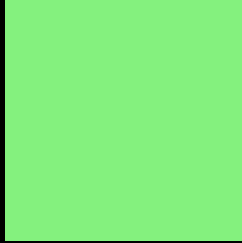
Large Text (above 18pt) WCAG AA × Fail

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 83.2601, -49.7945, 36.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

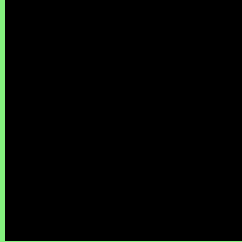
Any Text WCAG AA ✓ Pass

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 83.2601, -49.7945, 36.3768 Background



This preview shows how black text looks on a background with the HunterLab color 83.2601, -49.7945, 36.3768.



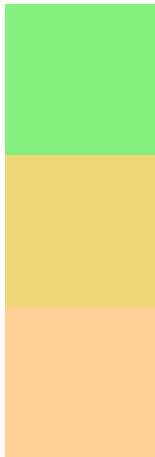
This preview shows how white text looks on a background with the HunterLab color 83.2601, -49.7945, 36.3768.

-49.7945, 36.3768.

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

83.2601, -49.7945, 36.3768

Protanopia

82.7047, -9.4266, 38.7322

Deuteranopia

82.4958, 4.8825, 30.4836



Tritanopia

83.1917, -20.9485, -11.2431

Trichromacy



Original Color

83.2601, -49.7945, 36.3768



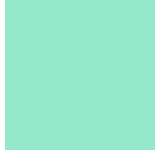
Protanomaly

82.0662, -26.4478, 37.2681



Deuteranomaly

81.4173, -18.1321, 31.5008



Tritanomaly

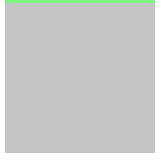
82.9127, -33.5094, 10.5466

Monochromacy



Original Color

83.2601, -49.7945, 36.3768



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

76.6550, -22.8095, 17.4201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.2601, -49.7945, 36.3768 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(132, 241, 126)` looks like.

```
.text, #text, p{  
    color:rgb(132, 241, 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(132, 241, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 241, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 83.2601, -49.7945, 36.3768 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(132, 241, 126) }
```


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

```
.border{ border-color:rgb(132, 241, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 241, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 241, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 241, 126);  
box-shadow:4px 4px 4px 4px rgb(132, 241,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.2601, -49.7945, 36.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 241, 126) }
```

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

```
.background{ background-color: rgb(132,  
241, 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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