

# Converting Colors

HunterLab(83.4435, -52.1696,  
34.8292)

Have a look what the booklet for  
HunterLab(83.4435, -52.1696,  
34.8292) contains.

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# Color

**HunterLab(83.4965,  
-52.2858, 34.7777)**

# Conversions

Conversions Part 1	
Format	Color
Hex	77F385
RGB	119, 243, 133
RGB Percent	47%, 95%, 52%
CMY	0.5333, 0.0470, 0.4784
CMYK	0.51, 0.00, 0.45, 0.05
HSL	127°, 84%, 71%
HSV	127°, 51%, 95%
XYZ	43.8921, 69.7167, 33.3336
YIQ	193.3840, -38.5940, -60.4980

# Conversions

## Conversions Part 2

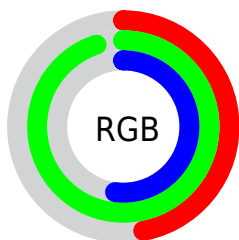
Format	Color
<a href="#">RYB</a>	<a href="#">119, 230, 243</a>
Decimal	<a href="#">7861125</a>
CIELab	<a href="#">86.86, -56.88, 42.55</a>
CIELCh	<a href="#">87, 71.033, 143.203</a>
Yxy	<a href="#">69.7196, 0.2987, 0.4744</a>
Android (android.graphics.Color)	<a href="#">4286051205</a> <a href="#">(0xFF77F385)</a>
YUV	<a href="#">193.3840, -29.7693, -65.2348</a>
Hunter-Lab	<a href="#">83.4965, -52.2858, 34.7777</a>

# Details

The HunterLab color **83.4965, -52.2858, 34.7777** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **61.5686, 59.5511, -32.4068**, and the grayscale version is **73.3237, -3.9124, 3.9838**.

A 20% lighter version of the original color is **91.9869, -38.3432, 25.3449**, and **60.4352, -44.8598, 28.8175** is the 20% darker color. If you saturate the color by 10%, you get **82.2669, -57.9701, 38.7459**, and if you desaturate by 10%, it is **85.0426, -45.3222, 30.1245**.

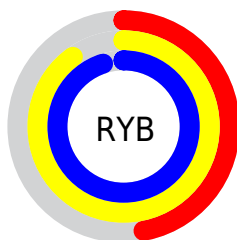
# Distribution



Red (47%)

Green (95%)

Blue (52%)



Red (47%)

Yellow (90%)

Blue (95%)

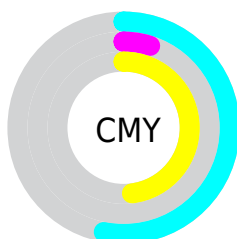


Cyan (51%)

Magenta (0%)

Yellow (45%)

Black (5%)



Cyan (53%)

Magenta (5%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4965, -52.2858, 34.7777 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 83.4965, -52.2858, 34.7777 by changing the saturation by 10% instead.




 83.4965, -52.2858,  
34.7777


 83.4965, -52.2858,  
34.7777


214.3746,  
-81.1167, 58.2858


 71.6226, -48.6172,  
31.8328


 108.9994,  
-59.2392, 40.3879

 60.3703, -44.7808,  
28.7663


 122.5745,  
-62.5621, 43.0823

 49.7782, -40.7375,  
25.5513


 136.6706,  
-65.8031, 45.7184

 39.8901, -36.4318,  
22.1518

151.2691,  
-68.9735, 48.3051

 30.7605, -31.7831,  
18.5229

166.3532,  
-72.0828, 50.8495

 22.4584, -26.6703,  
15.0266


181.9079,

 15.0764, -21.8204,


-75.1389, 53.3579


10.5535


197.9192,  
-78.1483, 55.8352


 8.7141, -15.2496,  
6.0998


0.0000, NaN, NaN


 83.4965, -52.2858,  
34.7777


 83.4965, -52.2858,  
34.7777


 82.2669, -57.9701,  
38.7459


 85.0426, -45.3222,  
30.1245

 81.3371, -62.3534,  
41.9950


 86.9048, -37.1351,  
24.8365


 80.6899, -65.4696,  
44.5169


 89.0842, -27.8173,  
18.9800

 80.2968, -67.4113,  
46.3300

 91.5754, -17.4819,  
12.6292

 80.1156, -68.3374,  
47.3833

 94.3693, -6.2528,  
5.8610

 96.2206, 1.0637,  
1.0131

# Harmonies

## Analogous

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



83.4982, -29.6284, 44.8505



83.4965, -52.2858, 34.7777



83.4982, -61.8846, 11.8532

# Triad

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



83.4982, -52.2871, 34.7783



83.4982, -12.3664, -88.7421



83.4982, 67.7898, 26.2490

# Complementary

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



83.4965, -52.2858, 34.7777



61.5686, 59.5511, -32.4068

# 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.



83.4982, 74.4773, -3.4899



83.4965, -52.2858, 34.7777



83.4982, 24.0957, -79.5927

# Square

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



83.4982, -52.2871, 34.7783



83.4982, -41.4552, -65.7353



83.4982, 57.3576, -44.3040



83.4982, 40.3635, 41.5546



# Rectangle

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



83.4965, -52.2858, 34.7777



83.4982, -60.9468, -11.6435



83.4982, 57.3576, -44.3040



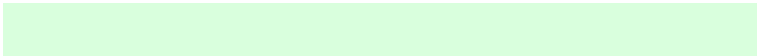
83.4982, 72.7069, 18.0268

# Sweetspot

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



83.4982, -52.2871, 34.7783



95.6334, -22.9635, 16.0869



90.7519, -24.6549, 44.0867



43.9873, -11.6913, 8.0985

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.4982, -52.2871, 34.7783



86.8808, -61.2995, 40.9745



84.7905, -44.5330, 16.0239



43.0145, -7.3923, 5.4303



59.3593, -50.5746, 34.9820



17.6255, -14.8199, 9.9616



# Inverse Universe

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



61.5686, 59.5511, -32.4068



60.3400, 75.1371, -40.5589



59.2446, 49.0323, -0.0049



40.9074, 3.1515, -0.9641



36.3033, 69.6666, -34.6499

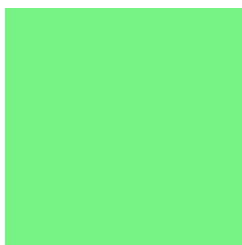


10.8043, 20.7997, -10.8245



# Previews

## White Background



This preview shows how the HunterLab color 83.4965, -52.2858, 34.7777 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

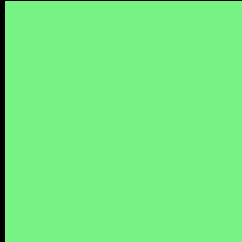
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.4965, -52.2858, 34.7777 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

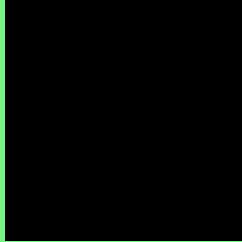
Any Text WCAG AA ✓ Pass

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 83.4965, -52.2858, 34.7777 Background



This preview shows how black text looks on a background with the HunterLab color 83.4965, -52.2858, 34.7777.



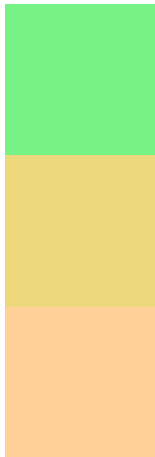
This preview shows how white text looks on a background with the HunterLab color 83.4965, -52.2858, 34.7777.

-52.2858, 34.7777.

# 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

83.4965, -52.2858, 34.7777

### Protanopia

82.7927, -8.9392, 37.4406

### Deuteranopia


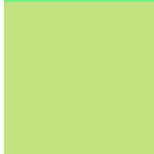
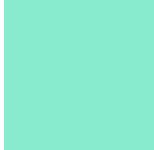
82.8485, 4.6764, 29.8740




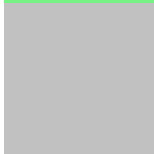
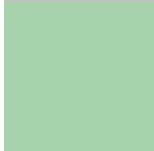
## Tritanopia

83.3011, -23.8131, -12.2960

# Trichromacy

	<b>Original Color</b> 83.4965, -52.2858, 34.7777
	<b>Protanomaly</b> 82.0941, -27.8264, 35.5976
	<b>Deuteranomaly</b> 81.7796, -19.9647, 30.6214
	<b>Tritanomaly</b> 83.1307, -35.9656, 8.9487

# Monochromacy

	<b>Original Color</b> 83.4965, -52.2858, 34.7777
	<b>Achromatopsia</b> 73.0258, -3.8965, 3.9676
	<b>Achromatomaly</b> 75.9182, -23.8292, 16.2740

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.4965, -52.2858, 34.7777 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(119, 243, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 243, 133)  
}
```

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(119, 243, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 243, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.4965, -52.2858, 34.7777 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(119, 243, 133) }
```



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

```
.border{ border-color:rgb(119, 243, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 243, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 243, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 243, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 243,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.4965, -52.2858, 34.7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 243, 133) }
```

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

```
.background{ background-color: rgb(119,  
243, 133) }
```

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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