

Converting Colors

HunterLab(79.0053, -37.7597,
34.2060)

Have a look what the booklet for
HunterLab(79.0053, -37.7597,
34.2060) contains.

HunterLab(79.0725, -37.8345, 34.2559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.0725,
-37.8345, 34.2559)**

Conversions

Conversions Part 1	
Format	Color
Hex	9EE17A
RGB	158, 225, 122
RGB Percent	62%, 88%, 48%
CMY	0.3804, 0.1176, 0.5216
CMYK	0.30, 0.00, 0.46, 0.12
HSL	99°, 63%, 68%
HSV	99°, 46%, 88%
XYZ	44.5386, 62.5246, 28.1333
YIQ	193.2250, -6.8690, -46.2370

Conversions

Conversions Part 2

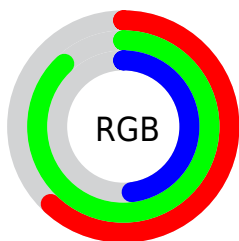
Format	Color
RYB	122, 225, 189
Decimal	10412410
CIELab	83.19, -39.19, 43.64
CIELCh	83, 58.651, 131.928
Yxy	62.5273, 0.3294, 0.4625
Android (android.graphics.Color)	4288602490 (0xFF9EE17A)
YUV	193.2250, -35.1139, -30.8923
Hunter-Lab	79.0725, -37.8345, 34.2559

Details

The HunterLab color **79.0725, -37.8345, 34.2559** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54.9326, 38.8465, -42.3590**, and the grayscale version is **73.2685, -3.9094, 3.9808**.

A 20% lighter version of the original color is **94.3937, -29.7528, 31.8447**, and **56.3156, -32.2472, 27.8608** is the 20% darker color. If you saturate the color by 10%, you get **77.8689, -43.2175, 38.1417**, and if you desaturate by 10%, it is **80.4518, -31.7350, 29.4244**.

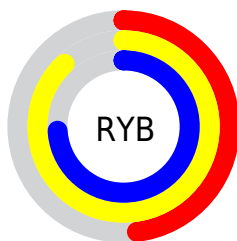
Distribution



Red (62%)

Green (88%)

Blue (48%)



Red (48%)

Yellow (88%)

Blue (74%)

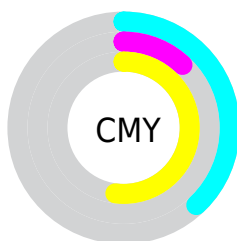


Cyan (30%)

Magenta (0%)

Yellow (46%)

Black (12%)



Cyan (38%)


Magenta (12%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.0725, -37.8345, 34.2559 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 79.0725, -37.8345, 34.2559 by changing the saturation by 10% instead.


 79.0725, -37.8345,
34.2559


 79.0725, -37.8345,
34.2559


208.2911,
-59.6643, 58.4044


 67.4232, -35.1383,
31.2029


 104.1572,
-42.9962, 40.0509

 56.4084, -32.3359,
28.0146


 117.5362,
-45.4858, 42.8255

 46.0688, -29.4005,
24.6609


 131.4436,
-47.9287, 45.5355

 36.4518, -26.2917,
21.1022

145.8599,
-50.3325, 48.1906

 27.6165, -22.9486,
17.2912

160.7678,
-52.7032, 50.7989

 19.6393, -19.2745,
13.7475


176.1517,

 12.6250, -15.9929,


-55.0460, 53.3670


8.8375


191.9971,
-57.3652, 55.9006


 5.9455, -10.4046,
4.1618


0.0000, NaN, NaN


 79.0725, -37.8345,
34.2559


 79.0725, -37.8345,
34.2559


 77.8689, -43.2175,
38.1417


 80.4518, -31.7350,
29.4244

 76.8339, -47.8557,
41.0887


 82.0015, -24.9493,
23.6573


 75.9654, -51.7431,
43.1314


 83.7216, -17.5237,
16.9839


 75.2565, -54.8915,
44.3351


 85.6091, -9.5086,
9.4453

 74.6970, -57.3379,
44.8076

 87.6597, -0.9579,
1.0915

 74.4981, -58.2013,
44.8865

 89.7962, 7.6879,
-7.0004

 90.7375, 10.8155,
-5.7175

Harmonies

Analogous

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



79.0742, -15.3137, 40.3764



79.0725, -37.8345, 34.2559



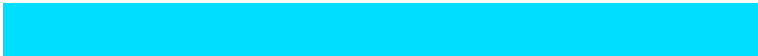
79.0742, -50.1624, 18.9248

Triad

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



79.0742, -37.8362, 34.2565



79.0742, -20.6319, -63.6715



79.0742, 57.3689, 14.4077

Complementary

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



79.0725, -37.8345, 34.2559



54.9326, 38.8465, -42.3590

Split Complementary

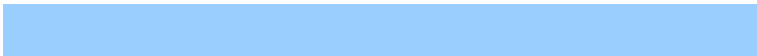
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0742, 55.4051, -13.7830



79.0725, -37.8345, 34.2559



79.0742, 7.5138, -66.2520

Square

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



79.0742, -37.8362, 34.2565



79.0742, -41.2495, -39.4451



79.0742, 36.1522, -45.5873



79.0742, 41.1868, 31.9700

Rectangle

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



79.0725, -37.8345, 34.2559



79.0742, -52.1828, 2.5170



79.0742, 36.1522, -45.5873



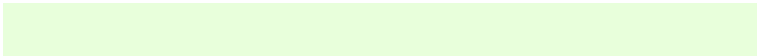
79.0742, 58.8660, 6.0506

Sweetspot

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



79.0742, -37.8362, 34.2565



96.8343, -18.6882, 18.1809



73.3409, 0.0470, 30.3076



44.5898, -9.5454, 9.2413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.0742, -37.8362, 34.2565



89.7884, -49.5754, 43.7987



77.3368, -44.1683, 28.6064



39.4576, -5.8148, 5.7193



56.6029, -43.9611, 34.1088



15.0647, -10.8955, 9.0921

Inverse Universe

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



54.9326, 38.8465, -42.3590



57.0474, 55.3689, -62.2051



58.7869, 47.6978, -24.1422



36.9911, 1.8852, -1.8369



25.9630, 56.5278, -76.7514



7.1871, 15.3292, -18.7749

Previews

White Background



This preview shows how the HunterLab color 79.0725, -37.8345, 34.2559 looks on a white background.

Color Contrast Check

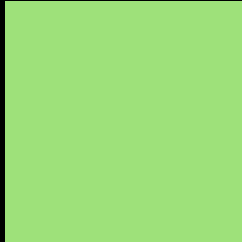
Large Text (above 18pt) WCAG AA × Fail

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 79.0725, -37.8345, 34.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

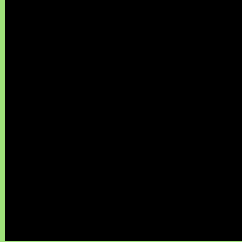
Any Text WCAG AA ✓ Pass

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 79.0725, -37.8345, 34.2559 Background



This preview shows how black text looks on a background with the HunterLab color 79.0725, -37.8345, 34.2559.



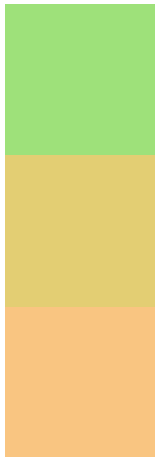
This preview shows how white text looks on a background with the HunterLab color 79.0725, -37.8345, 34.2559.

-37.8345, 34.2559.

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

79.0725, -37.8345, 34.2559

Protanopia

78.5565, -8.3094, 36.0190

Deuteranopia


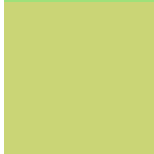

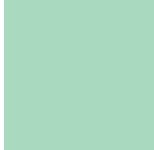
78.5221, 5.7908, 32.8043




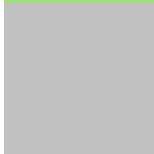
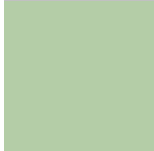
Tritanopia

79.0036, -12.2807, -7.7159

Trichromacy

	Original Color 79.0725, -37.8345, 34.2559
	Protanomaly 78.3920, -20.0986, 34.9898
	Deuteranomaly 77.9301, -11.7790, 32.7965
	Tritanomaly 78.6272, -22.7727, 10.8830

Monochromacy

	Original Color 79.0725, -37.8345, 34.2559
	Achromatopsia 73.0258, -3.8965, 3.9676
	Achromatomaly 74.9373, -17.6889, 16.9409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.0725, -37.8345, 34.2559 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(158, 225, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 225, 122)  
}
```

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(158, 225, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 225, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 79.0725, -37.8345, 34.2559 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(158, 225, 122) }
```


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

```
.border{ border-color:rgb(158, 225, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 225, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 225, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 225, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 225,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.0725, -37.8345, 34.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 225, 122) }
```

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

```
.background{ background-color: rgb(158,  
225, 122) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor