

Converting Colors

HunterLab(76.5278, -39.4283,
35.4741)

Have a look what the booklet for
HunterLab(76.5278, -39.4283,
35.4741) contains.

HunterLab(76.5278, -39.4283, 35.4741)	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(76.5278,
-39.4283, 35.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	94DC6C
RGB	148, 220, 108
RGB Percent	58%, 86%, 42%
CMY	0.4196, 0.1372, 0.5765
CMYK	0.33, 0.00, 0.51, 0.14
HSL	99°, 62%, 64%
HSV	99°, 51%, 86%
XYZ	40.5127, 58.5650, 23.3564
YIQ	185.7040, -6.9600, -50.0960

Conversions

Conversions Part 2

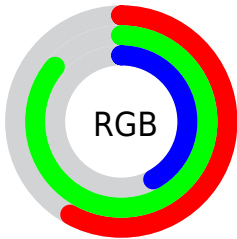
Format	Color
RYB	108, 220, 180
Decimal	9755756
CIELab	81.05, -42.04, 47.61
CIELCh	81, 63.513, 131.446
Yxy	58.5676, 0.3309, 0.4783
Android (android.graphics.Color)	4287945836 (0xFF94DC6C)
YUV	185.7040, -38.3081, -33.0664
Hunter-Lab	76.5278, -39.4283, 35.4741

Details

The HunterLab color $76.5278, -39.4283, 35.4741$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $50.5941, 42.3734, -47.4341$, and the grayscale version is $70.1078, -3.7408, 3.8091$.

A 20% lighter version of the original color is $93.3315, -34.3135, 35.1949$, and $54.0033, -33.3454, 28.5852$ is the 20% darker color. If you saturate the color by 10%, you get $75.4436, -44.2879, 38.7932$, and if you desaturate by 10%, it is $77.7799, -33.8673, 31.2351$.

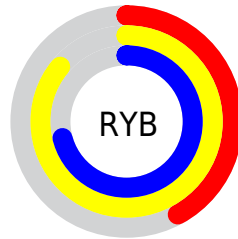
Distribution



Red (58%)

Green (86%)

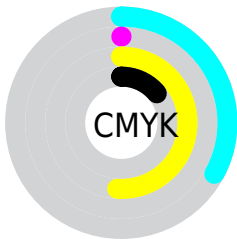
Blue (42%)



Red (42%)

Yellow (86%)

Blue (71%)

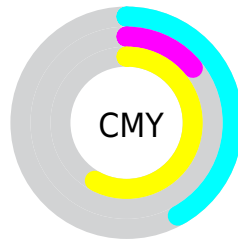


Cyan (33%)

Magenta (0%)

Yellow (51%)

Black (14%)



Cyan (42%)


Magenta (14%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.5278, -39.4283, 35.4741 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 76.5278, -39.4283, 35.4741 by changing the saturation by 10% instead.


 76.5278, -39.4283,
35.4741

 76.5278, -39.4283,
35.4741


204.7676,
-62.4960, 61.4712


 65.0116, -36.5468,
32.1474


 101.3651,
-44.9204, 41.7622


 54.1377, -33.5416,
28.6639


 114.6283,
-47.5598, 44.7611

 43.9484, -30.3809,
24.9901


 128.4243,
-50.1442, 47.6830

 34.4933, -27.0167,
21.0856

 142.7333,
-52.6823, 50.5392

 25.8344, -23.3764,
17.1322

157.5374,
-55.1811, 53.3389

 18.0532, -19.3431,
12.6372

172.8207,

 11.2627, -17.5419,

-57.6466, 56.0900

7.8839

188.5685,
-60.0835, 58.7989

■ 3.4148, -5.9759,
2.3904

0.0000, NaN, NaN

■ 76.5278, -39.4283,
35.4741

■ 76.5278, -39.4283,
35.4741

■ 75.4436, -44.2879,
38.7932

■ 77.7799, -33.8673,
31.2351

■ 74.5195, -48.4265,
41.2113


■ 79.1958, -27.6283,
26.0758


■ 73.7522, -51.8475,
42.7770

■ 80.7762, -20.7510,
20.0161


■ 73.1336, -54.5734,
43.5726


■ 82.5188, -13.2808,
13.0895

 72.6860, -56.5165,
43.7994

 84.4202, -5.2673,
5.3398

 86.4761, 3.2373,
-3.1819

 88.4219, 10.8072,
-8.7634

 89.2574, 13.5543,
-7.6067

Harmonies

Analogous

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



76.5295, -15.4733, 41.3350



76.5278, -39.4283, 35.4741



76.5295, -52.4695, 19.9913

Triad

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



76.5295, -39.4299, 35.4747



76.5295, -22.0105, -70.6593



76.5295, 62.9271, 14.5099

Complementary

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



76.5278, -39.4283, 35.4741



50.5941, 42.3734, -47.4341

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.



76.5295, 60.4335, -15.9837



76.5278, -39.4283, 35.4741



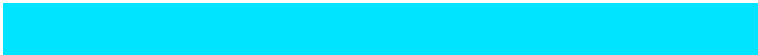
76.5295, 8.0054, -74.0271

Square

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



76.5295, -39.4299, 35.4747



76.5295, -43.5627, -43.2101



76.5295, 39.1225, -51.1379



76.5295, 45.4771, 32.8309

Rectangle

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



76.5278, -39.4283, 35.4741



76.5295, -54.6878, 2.7323



76.5295, 39.1225, -51.1379



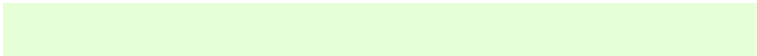
76.5295, 64.4584, 5.5719

Sweetspot

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



76.5295, -39.4299, 35.4747



96.6476, -19.5025, 19.0455



69.6522, 1.9684, 30.8764



44.5115, -9.8895, 9.6139

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5295, -39.4299, 35.4747



89.1055, -52.6655, 46.0546



74.7032, -46.2625, 30.3658



38.5115, -5.6424, 5.5798



55.7337, -43.0806, 33.5886



14.3521, -10.2720, 8.6639

Inverse Universe

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



50.5941, 42.3734, -47.4341



53.3228, 61.4345, -71.2624



55.0939, 52.3225, -27.3404



36.0974, 1.8055, -1.7915



25.3834, 55.4169, -76.2087



6.8202, 14.5604, -17.9229

Previews

White Background



This preview shows how the HunterLab color 76.5278, -39.4283, 35.4741 looks on a white background.

Color Contrast Check

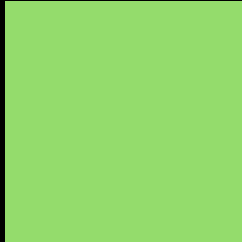
Large Text (above 18pt) WCAG AA × Fail

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 76.5278, -39.4283, 35.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

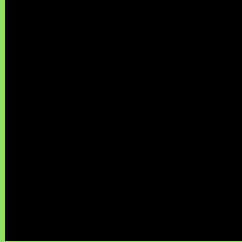
Any Text WCAG AA ✓ Pass

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 76.5278, -39.4283, 35.4741 Background



This preview shows how black text looks on a background with the HunterLab color 76.5278, -39.4283, 35.4741.



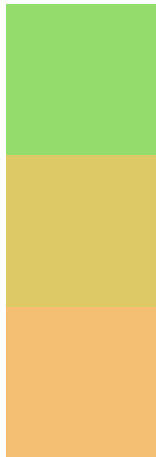
This preview shows how white text looks on a background with the HunterLab color 76.5278, -39.4283, 35.4741.

-39.4283, 35.4741.

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

76.5278, -39.4283, 35.4741

Protanopia

76.2135, -9.1148, 37.2248

Deuteranopia

75.9819, 5.7158, 34.2633



Tritanopia

76.2328, -12.8355, -8.0980

Trichromacy



Original Color

76.5278, -39.4283, 35.4741



Protanomaly

75.8819, -21.5212, 36.1482



Deuteranomaly

75.4760, -13.0301, 34.2380



Tritanomaly

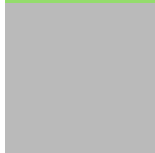
76.0495, -24.4485, 11.9303

Monochromacy



Original Color

76.5278, -39.4283, 35.4741



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

71.8522, -17.9768, 17.2680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5278, -39.4283, 35.4741 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(148, 220, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 220, 108)  
}
```

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(148, 220, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 220, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5278, -39.4283, 35.4741 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(148, 220, 108) }
```


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

```
.border{ border-color:rgb(148, 220, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 220, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 220, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 220, 108); box-shadow:4px 4px 4px 4px rgb(148, 220, 108) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5278, -39.4283, 35.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 220, 108) }
```

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

```
.background{ background-color: rgb(148,  
220, 108) }
```

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