

Converting Colors

HunterLab(69.4123, 37.3933,
-46.5229)

Have a look what the booklet for
HunterLab(69.4123, 37.3933,
-46.5229) contains.

HunterLab(68.8634, 34.5846, -38.4166)	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(68.8634, 34.5846,
-38.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA0FF
RGB	219, 160, 255
RGB Percent	86%, 63%, 100%
CMY	0.1412, 0.3725, 0.0000
CMYK	0.14, 0.37, 0.00, 0.00
HSL	277°, 100%, 81%
HSV	277°, 37%, 100%
XYZ	59.8342, 47.4217, 100.6074
YIQ	188.4710, 4.6690, 42.0530

Conversions

Conversions Part 2

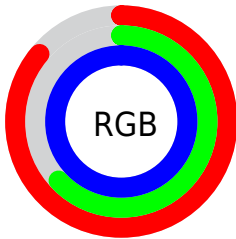
Format	Color
R _Y B	219, 160, 255
Decimal	14393599
CIE Lab	74.46, 38.61, -38.83
CIE LCh	74, 54.763, 314.836
Yxy	47.4236, 0.2879, 0.2281
Android (android.graphics.Color)	4292583679 (0xFFDBA0FF)
YUV	188.4710, 32.7988, 26.7739
Hunter-Lab	68.8634, 34.5846, -38.4166

Details

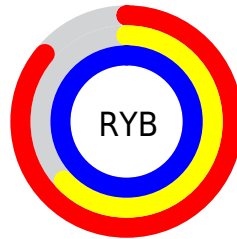
The HunterLab color $68.8634, 34.5846, -38.4166$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $92.6252, -37.0797, 35.1363$, and the grayscale version is $70.9791, -3.7873, 3.8564$.

A 20% lighter version of the original color is $87.7957, 16.3076, -9.5055$, and $47.3066, 32.5054, -37.2405$ is the 20% darker color. If you saturate the color by 10%, you get $61.6562, 45.6444, -52.1856$, and if you desaturate by 10%, it is $76.6371, 23.5951, -25.5565$.

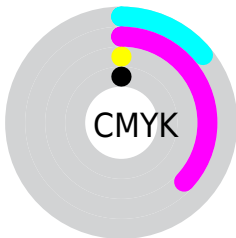
Distribution



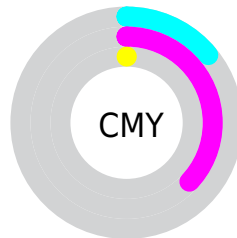
- Red (86%)
- Green (63%)
- Blue (100%)



- Red (86%)
- Yellow (63%)
- Blue (100%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.8634, 34.5846, -38.4166 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 68.8634, 34.5846, -38.4166 by changing the saturation by 10% instead.


 68.8634, 34.5846,
-38.4166


 68.8634, 34.5846,
-38.4166

194.0368, 41.1355,
-42.4391

 57.7673, 33.4301,
-37.7596


 92.9223, 36.5875,
-39.6289

 47.3398, 32.1651,
-37.0981


 105.8222, 37.4549,
-40.1725

 37.6283, 30.7792,
-36.4702

119.2693, 38.2414,
-40.6690

 28.6901, 29.2663,
-35.9583

133.2421, 38.9525,
-41.1174

 20.5992, 27.6324,
-35.7452

147.7217, 39.5933,
-41.5179

 13.4557, 25.9272,
-36.2987

162.6907, 40.1682,

 7.0267, 27.0852,

-41.8710

-41.8252

178.1338, 40.6811,
-42.1777

0.0000, INF, -NF

0.0000, NaN, -NF

■ 68.8634, 34.5846,
-38.4166

■ 68.8634, 34.5846,
-38.4166

■ 61.6562, 45.6444,
-52.1856

■ 76.6371, 23.5951,
-25.5565

■ 55.1299, 56.5161,
-66.7866

■ 84.8792, 12.7935,
-13.5595

■ 49.4296, 66.6871,
-81.8547

■ 93.5183, 2.2091,
-2.3165

■ 44.7124, 75.3220,
-96.5826

100.0000, -5.3358,
5.4332

■ 41.1136, 81.3402,

-109.6761

■ 38.6674, 83.8799,
-119.7702

■ 38.1139, 84.2139,
-122.2119

Harmonies

Analogous

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



68.8648, 9.3861, -58.6231



68.8634, 34.5846, -38.4166



68.8648, 50.5684, -9.6605

Triad

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



68.8648, 34.5829, -38.4141



68.8648, 9.6776, 35.3601



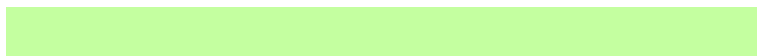
68.8648, -45.0969, -9.3532

Complementary

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



68.8634, 34.5846, -38.4166



92.6252, -37.0797, 35.1363

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.



68.8648, -45.0426, 14.9073



68.8634, 34.5846, -38.4166



68.8648, -15.8357, 35.3903

Square

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



68.8648, 34.5829, -38.4141



68.8648, 34.8230, 29.2674



68.8648, -35.0645, 29.3742



68.8648, -35.2257, -38.1196

Rectangle

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



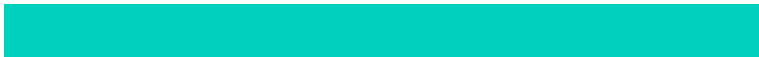
68.8634, 34.5846, -38.4166



68.8648, 52.5602, 7.5811



68.8648, -35.0645, 29.3742



68.8648, -46.1866, -0.3178

Sweetspot

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



68.8648, 34.5829, -38.4141



90.2387, 6.1494, -6.4482



73.7315, -2.2144, -30.6830



41.2052, 3.5081, -3.6857

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8648, 34.5829, -38.4141



63.2255, 43.1561, -49.0041



72.7529, 44.7427, -24.0830



42.3514, 2.1157, -2.2152



27.7107, 61.0693, -87.6263



9.0018, 19.4963, -25.8144

Inverse Universe

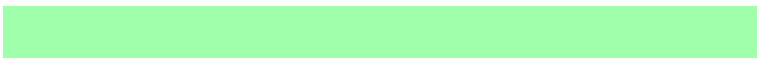
The Inverse Universe completely reimagines the original color for something new.



70.9851, 36.1472, 0.7520



65.9840, 44.8883, 0.8294



90.5194, -44.7908, 29.7291



42.5452, 2.2995, 1.6787



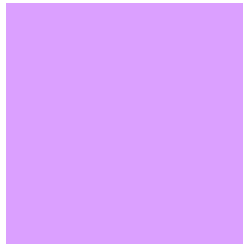
34.0336, 59.6765, 11.1942



10.7156, 18.9723, 2.1059

Previews

White Background



This preview shows how the HunterLab color 68.8634, 34.5846, -38.4166 looks on a white background.

Color Contrast Check

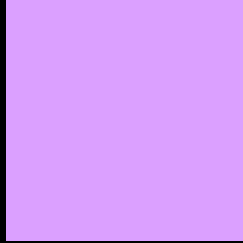
Large Text (above 18pt) WCAG AA × Fail

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 68.8634, 34.5846, -38.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

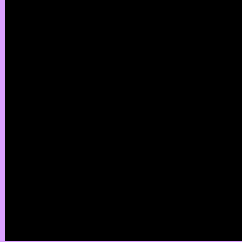
Any Text WCAG AA ✓ Pass

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 68.8634, 34.5846, -38.4166 Background



This preview shows how black text looks on a background with the HunterLab color 68.8634, 34.5846, -38.4166.



This preview shows how white text looks on a background with the HunterLab color 68.8634, 34.5846, -38.4166.

-38.4166.

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

68.8634, 34.5846, -38.4166

Protanopia

69.0951, 5.8536, -38.5037

Deuteranopia

69.1370, 5.6249, -35.5675



Tritanopia

68.7843, 9.9662, 1.5492

Trichromacy



Original Color

68.8634, 34.5846, -38.4166



Protanomaly

68.5061, 15.7351, -39.3915



Deuteranomaly

68.5439, 15.5761, -37.1528

Tritanomaly

68.6487, 18.2550, -11.1753

Monochromacy



Original Color

68.8634, 34.5846, -38.4166



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

69.8114, 9.1447, -9.7223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8634, 34.5846, -38.4166 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(219, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 255)  
}
```

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(219, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8634, 34.5846, -38.4166 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(219, 160, 255) }
```


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

```
.border{ border-color:rgb(219, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 160, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 160, 255); box-shadow:4px 4px 4px 4px rgb(219, 160, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8634, 34.5846, -38.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 255) }
```

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

```
.background{ background-color: rgb(219,  
160, 255) }
```

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