

Converting Colors

HunterLab(68.2686, 13.5258,
-39.8614)

Have a look what the booklet for
HunterLab(68.2686, 13.5258,
-39.8614) contains.

HunterLab(68.2686, 13.5258, -39.8614)	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(68.2686, 13.5258,
-39.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAEFF
RGB	175, 174, 255
RGB Percent	69%, 68%, 100%
CMY	0.3137, 0.3176, 0.0000
CMYK	0.31, 0.32, 0.00, 0.00
HSL	241°, 100%, 84%
HSV	241°, 32%, 100%
XYZ	50.8652, 46.6060, 100.9226
YIQ	183.5330, -25.4050, 25.4030

Conversions

Conversions Part 2

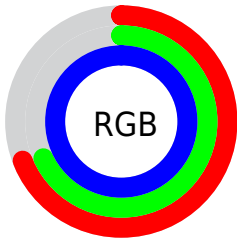
Format	Color
RYB	175, 174, 255
Decimal	11513599
CIELab	73.94, 18.28, -39.94
CIELCh	74, 43.922, 294.597
Yxy	46.6078, 0.2564, 0.2349
Android (android.graphics.Color)	4289703679 (0xFFFAFAEFF)
YUV	183.5330, 35.2332, -7.4834
Hunter-Lab	68.2686, 13.5258, -39.8614

Details

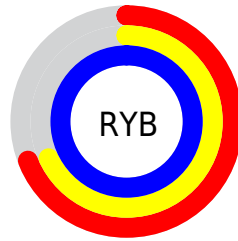
The HunterLab color $68.2686, 13.5258, -39.8614$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97.7992, -17.3358, 35.6823$, and the grayscale version is $68.9029, -3.6765, 3.7436$.

A 20% lighter version of the original color is $89.6741, 1.0159, -7.2775$, and $46.8928, 12.7143, -38.4328$ is the 20% darker color. If you saturate the color by 10%, you get $59.1818, 20.8873, -57.9474$, and if you desaturate by 10%, it is $77.8487, 6.9782, -23.9616$.

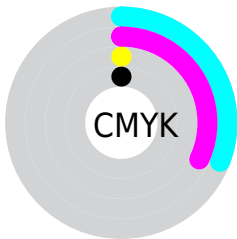
Distribution



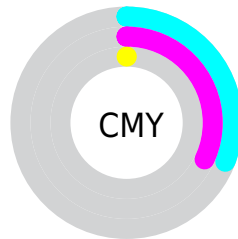
- Red (69%)
- Green (68%)
- Blue (100%)



- Red (69%)
- Yellow (68%)
- Blue (100%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2686, 13.5258, -39.8614 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 68.2686, 13.5258, -39.8614 by changing the saturation by 10% instead.

■ 68.2686, 13.5258,
-39.8614

■ 68.2686, 13.5258,
-39.8614

193.1959, 13.4097,
-44.1157

■ 57.2064, 13.2273,
-39.1905

■ 92.2647, 13.8970,
-41.1158

■ 46.8149, 12.8436,
-38.5233

105.1354, 13.9847,
-41.6841

■ 37.1423, 12.3623,
-37.9039

118.5545, 14.0139,
-42.2068

■ 28.2463, 11.7681,
-37.4258

132.5004, 13.9888,
-42.6823

■ 20.2020, 11.0413,
-37.2972

146.9540, 13.9129,
-43.1104

■ 13.1115, 10.1565,
-38.0538

161.8979, 13.7893,

■ 6.6029, 11.7158,

-43.4914

-45.5323

177.3166, 13.6208,
-43.8262

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 68.2686, 13.5258,
-39.8614

■ 68.2686, 13.5258,
-39.8614

■ 59.1818, 20.8873,
-57.9474

■ 77.8487, 6.9782,
-23.9616

■ 50.7141, 29.2931,
-78.8436

■ 87.8293, 1.0502,
-9.7274

■ 43.0589, 38.9217,
-103.0562

■ 98.1488, -4.4118,
3.2507

■ 36.4986, 49.6477,
-130.3257

100.0000, -5.3358,
5.4332

■ 31.4141, 60.4708,

-158.1439

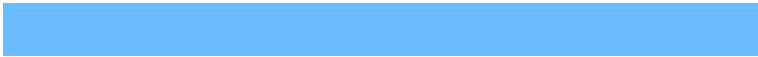
■ 28.1946, 69.0011,
-180.3681

■ 26.9078, 72.9120,
-190.6062

Harmonies

Analogous

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



68.2699, -7.3142, -45.0700



68.2686, 13.5258, -39.8614



68.2699, 31.4977, -21.7350

Triad

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



68.2699, 13.5250, -39.8592



68.2699, 20.6910, 27.7366



68.2699, -38.5857, 7.1495

Complementary

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



68.2686, 13.5258, -39.8614



97.7992, -17.3358, 35.6823

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.



68.2699, -32.8635, 22.0468



68.2686, 13.5258, -39.8614



68.2699, 0.1006, 31.4748

Square

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



68.2699, 13.5250, -39.8592



68.2699, 35.9646, 17.5385



68.2699, -19.2722, 29.7513



68.2699, -35.8819, -13.7818

Rectangle

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



68.2686, 13.5258, -39.8614



68.2699, 38.6052, -6.9984



68.2699, -19.2722, 29.7513



68.2699, -37.6063, 12.9339

Sweetspot

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



68.2699, 13.5250, -39.8592



89.6260, 0.0569, -7.3575



93.6691, -28.1128, -2.6578



40.8022, 0.3920, -4.2763

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2699, 13.5250, -39.8592



62.5373, 18.0066, -50.8447



72.0174, 25.3229, -33.0678



41.6995, -0.1017, -3.0989



19.4624, 52.7134, -137.6815



6.1025, 16.4698, -42.7155

Inverse Universe

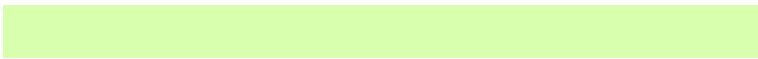
The Inverse Universe completely reimagines the original color for something new.



76.6088, 38.9758, -24.6799



72.7262, 47.8313, -30.6571



94.3122, -30.1410, 32.4118



42.7742, 3.5259, -1.5749



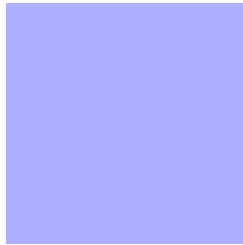
38.4423, 75.3781, -49.1475



12.0004, 23.5380, -15.4005

Previews

White Background



This preview shows how the HunterLab color 68.2686, 13.5258, -39.8614 looks on a white background.

Color Contrast Check

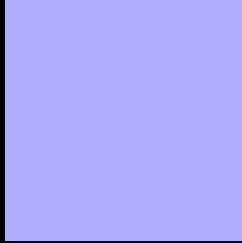
Large Text (above 18pt) WCAG AA × Fail

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 68.2686, 13.5258, -39.8614 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 68.2686, 13.5258, -39.8614 Background



This preview shows how black text looks on a background with the HunterLab color 68.2686, 13.5258, -39.8614.



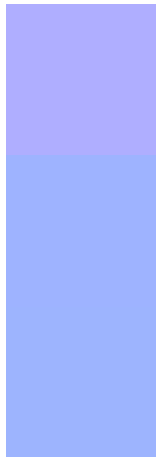
This preview shows how white text looks on a background with the HunterLab color 68.2686, 13.5258, -39.8614.

-39.8614.

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

68.2686, 13.5258, -39.8614

Protanopia

68.3588, 6.4174, -39.8219

Deuteranopia

68.5320, 5.3911, -38.7975



Tritanopia

68.3042, -7.4773, -5.4744

Trichromacy



Original Color

68.2686, 13.5258, -39.8614

Protanomaly

68.2325, 8.9942, -40.0064

Deuteranomaly

68.4756, 8.2112, -38.8497

Tritanomaly

68.1400, -0.3711, -16.9350

Monochromacy



Original Color

68.2686, 13.5258, -39.8614

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

68.6436, 2.1184, -10.3295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2686, 13.5258, -39.8614 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(175, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 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(175, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2686, 13.5258, -39.8614 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(175, 174, 255) }
```


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

```
.border{ border-color:rgb(175, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2686, 13.5258, -39.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 255) }
```

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

```
.background{ background-color: rgb(175,  
174, 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