

# Converting Colors

HunterLab(71.6815, 38.6581,  
-33.4064)

Have a look what the booklet for  
HunterLab(71.6815, 38.6581,  
-33.4064) contains.

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# Color

**HunterLab(71.5872, 38.6408,  
-33.5679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA3FF
RGB	236, 163, 255
RGB Percent	93%, 64%, 100%
CMY	0.0745, 0.3608, 0.0000
CMYK	0.07, 0.36, 0.00, 0.00
HSL	288°, 100%, 82%
HSV	288°, 36%, 100%
XYZ	65.7393, 51.2473, 101.0346
YIQ	195.3150, 13.9760, 44.0880

# Conversions

## Conversions Part 2

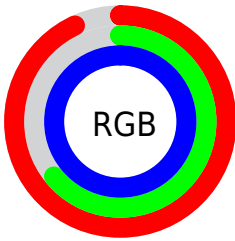
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 163, 255
Decimal	15508479
CIE <sub>Lab</sub>	76.83, 42.05, -35.02
CIE <sub>LCh</sub>	77, 54.728, 320.212
Y <sub>xy</sub>	51.2494, 0.3015, 0.2351
Android (android.graphics.Color)	4293698559 (0xFFECA3FF)
YUV	195.3150, 29.4247, 35.6807
Hunter-Lab	71.5872, 38.6408, -33.5679

# Details

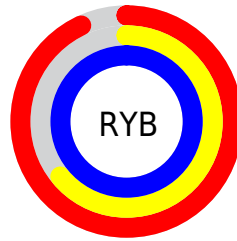
The HunterLab color  $71.5872, 38.6408, -33.5679$  is a light color, and the websafe version is hex  $FF99FF$ . A complement of this color would be  $91.7115, -40.4783, 33.4011$ , and the grayscale version is  $73.8832, -3.9422, 4.0142$ .

A 20% lighter version of the original color is  $88.9624, 14.1061, -7.9873$ , and  $49.8124, 35.9531, -32.2676$  is the 20% darker color. If you saturate the color by 10%, you get  $64.9617, 51.0114, -45.4255$ , and if you desaturate by 10%, it is  $78.8357, 26.2117, -22.1147$ .

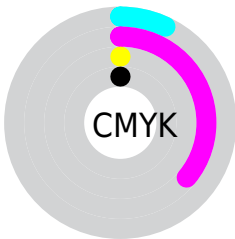
# Distribution



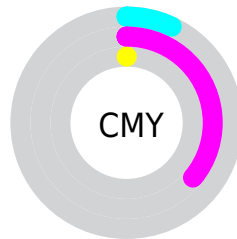
- Red (93%)
- Green (64%)
- Blue (100%)



- Red (93%)
- Yellow (64%)
- Blue (100%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (36%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.5872, 38.6408, -33.5679 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 71.5872, 38.6408, -33.5679 by changing the saturation by 10% instead.





 71.5872, 38.6408,  
-33.5679


 71.5872, 38.6408,  
-33.5679


197.8717, 46.0953,  
-36.7127

 60.3383, 37.3804,  
-32.9768


 95.9288, 40.8531,  
-34.6095

 49.7482, 36.0109,  
-32.3569

 108.9604, 41.8240,  
-35.0574

 39.8623, 34.5228,  
-31.7293


122.5340, 42.7126,  
-35.4546

 30.7349, 32.9127,  
-31.1428

136.6285, 43.5244,  
-35.8017

 22.4353, 31.1901,  
-30.7056

151.2256, 44.2645,  
-36.0997

 15.0562, 29.4090,  
-30.6889

166.3083, 44.9371,

 8.6954, 28.0369,

-36.3499

-32.1088

181.8616, 45.5463,  
-36.5538

0.0000, INF, -NF

0.0000, NaN, -NF

■ 71.5872, 38.6408,  
-33.5679

■ 71.5872, 38.6408,  
-33.5679

■ 64.9617, 51.0114,  
-45.4255

■ 78.8357, 26.2117,  
-22.1147

■ 59.0700, 62.9579,  
-57.4593

■ 86.6056, 13.9265,  
-11.1585

■ 54.0407, 73.8692,  
-69.2047

■ 94.8195, 1.8688,  
-0.6976

■ 49.9957, 82.9008,  
-79.9371

100.0000, -5.3358,  
5.4332

■ 47.0165, 89.1386,

-88.7729

■ 45.0910, 91.9934,  
-95.0041

■ 44.5241, 92.4644,  
-96.9289

# Harmonies

## Analogous

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



71.5887, 14.2219, -56.3957



71.5872, 38.6408, -33.5679



71.5887, 52.2055, -4.6401

# Triad

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



71.5887, 38.6387, -33.5654



71.5887, 4.8470, 36.6413



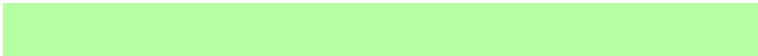
71.5887, -44.8459, -14.4945

# Complementary

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



71.5872, 38.6408, -33.5679



91.7115, -40.4783, 33.4011

# 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.



71.5887, -46.6135, 11.4966



71.5872, 38.6408, -33.5679



71.5887, -20.2417, 35.6372

# Square

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



71.5887, 38.6387, -33.5654



71.5887, 30.9425, 31.5931



71.5887, -38.2359, 28.0811



71.5887, -33.0066, -42.9441



# Rectangle

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



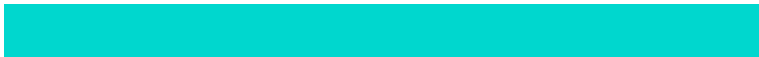
71.5872, 38.6408, -33.5679



71.5887, 52.1229, 11.8030



71.5887, -38.2359, 28.0811



71.5887, -46.5654, -5.0287

# Sweetspot

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



71.5887, 38.6387, -33.5654



90.7241, 7.7746, -5.7881



69.8915, 5.5816, -37.0927



41.4593, 4.3542, -3.3358

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.5887, 38.6387, -33.5654



66.9279, 47.2289, -41.7436



72.8764, 40.1780, -14.6605



42.5439, 2.7640, -1.9569



32.2868, 66.9764, -69.7120



10.2976, 21.2019, -20.9968



# Inverse Universe

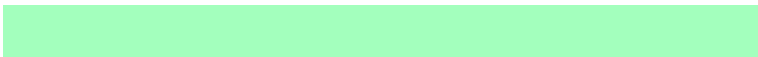
The Inverse Universe completely reimagines the original color for something new.



71.2978, 32.4087, 7.6968



66.6670, 39.9291, 8.8350



91.0957, -41.7346, 24.0413



42.4834, 1.9674, 2.5600



33.5538, 57.9084, 18.2213



10.5409, 18.3314, 4.6429



# Previews

## White Background



This preview shows how the HunterLab color 71.5872, 38.6408, -33.5679 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

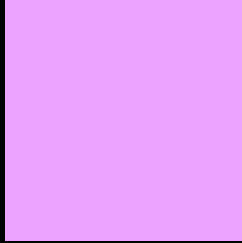
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.5872, 38.6408, -33.5679 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 71.5872, 38.6408, -33.5679 Background



This preview shows how black text looks on a background with the HunterLab color 71.5872, 38.6408, -33.5679.



This preview shows how white text looks on a background with the HunterLab color 71.5872, 38.6408, -33.5679.

-33.5679.

# 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

71.5872, 38.6408, -33.5679

### Protanopia

71.9253, 4.6971, -33.5855

### Deuteranopia

71.8030, 5.3673, -30.3425



## Tritanopia

71.4838, 15.9833, 3.9224

# Trichromacy



## Original Color

71.5872, 38.6408, -33.5679



## Protanomaly

71.3649, 16.2263, -34.3413



## Deuteranomaly

71.2316, 16.9714, -32.4665



## Tritanomaly

71.2768, 23.8560, -8.5814

# Monochromacy



## Original Color

71.5872, 38.6408, -33.5679



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

72.5109, 11.0501, -8.8021

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.5872, 38.6408, -33.5679 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(236, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 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(236, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.5872, 38.6408, -33.5679 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(236, 163, 255) }
```



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

```
.border{ border-color:rgb(236, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 163,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.5872, 38.6408, -33.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 255) }
```

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

```
.background{ background-color: rgb(236,  
163, 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](#).

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