

# Converting Colors

HunterLab(75.0214, 57.9188,  
-122.1460)

Have a look what the booklet for  
HunterLab(75.0214, 57.9188,  
-122.1460) contains.

<b>HunterLab(68.6363, 27.2973, -38.9536)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(68.6363, 27.2973,  
-38.9536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA5FF
RGB	205, 165, 255
RGB Percent	80%, 65%, 100%
CMY	0.1961, 0.3529, 0.0000
CMYK	0.20, 0.35, 0.00, 0.00
HSL	267°, 100%, 82%
HSV	267°, 35%, 100%
XYZ	56.6820, 47.1094, 100.7133
YIQ	187.2200, -5.0500, 36.4700

# Conversions

## Conversions Part 2

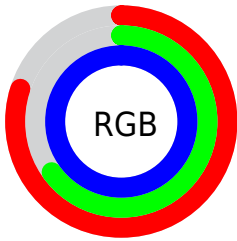
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 165, 255</a>
Decimal	<a href="#">13477375</a>
CIELab	<a href="#">74.26, 31.81, -39.25</a>
CIELCh	<a href="#">74, 50.518, 309.026</a>
Yxy	<a href="#">47.1113, 0.2772, 0.2304</a>
Android (android.graphics.Color)	<a href="#">4291667455 (0xFFCDA5FF)</a>
YUV	<a href="#">187.2200, 33.4155, 15.5931</a>
Hunter-Lab	<a href="#">68.6363, 27.2973, -38.9536</a>

# Details

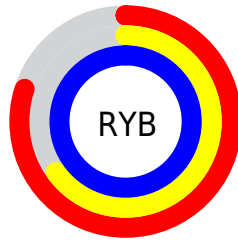
The HunterLab color  $68.6363, 27.2973, -38.9536$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $94.1722, -31.0259, 35.0723$ , and the grayscale version is  $70.4528, -3.7592, 3.8278$ .

A 20% lighter version of the original color is  $89.2560, 13.5569, -7.6085$ , and  $47.1986, 25.1586, -37.5889$  is the 20% darker color. If you saturate the color by 10%, you get  $60.7344, 37.1406, -54.2832$ , and if you desaturate by 10%, it is  $77.0402, 17.7224, -25.0278$ .

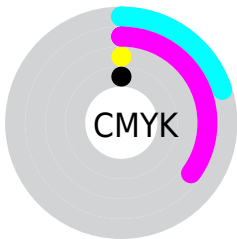
# Distribution



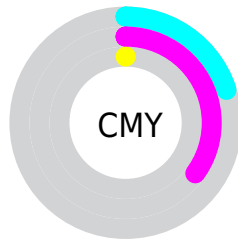
- Red (80%)
- Green (65%)
- Blue (100%)



- Red (80%)
- Yellow (65%)
- Blue (100%)



- Cyan (20%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (35%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6363, 27.2973, -38.9536 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 68.6363, 27.2973, -38.9536 by changing the saturation by 10% instead.





 68.6363, 27.2973,  
-38.9536


 68.6363, 27.2973,  
-38.9536


193.7159, 31.6934,  
-43.0636

 57.5531, 26.4127,  
-38.2911


 92.6713, 28.7796,  
-40.1820

 47.1393, 25.4224,  
-37.6272

 105.5601, 29.3962,  
-40.7349

 37.4426, 24.3133,  
-37.0020


118.9965, 29.9381,  
-41.2413

 28.5206, 23.0736,  
-36.5021

132.9590, 30.4106,  
-41.6999

 20.4474, 21.6945,  
-36.3193

147.4287, 30.8186,  
-42.1108

 13.3240, 20.1879,  
-36.9462

162.3881, 31.1660,

 6.8681, 21.4012,

-42.4744

-43.1477

177.8219, 31.4566,  
-42.7916

0.0000, INF, -NF

0.0000, NaN, -NF

■ 68.6363, 27.2973,  
-38.9536

■ 68.6363, 27.2973,  
-38.9536

■ 60.7344, 37.1406,  
-54.2832

■ 77.0402, 17.7224,  
-25.0278

■ 53.4452, 47.1597,  
-71.1958

■ 85.8569, 8.4248,  
-12.2810

■ 46.9219, 57.0590,  
-89.6332

■ 95.0237, -0.6287,  
-0.4883

■ 41.3555, 66.1851,  
-108.9941

100.0000, -5.3358,  
5.4332

■ 36.9554, 73.4025,

-127.7285

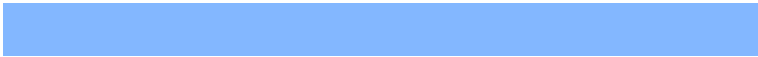
■ 33.8768, 77.3314,  
-143.3507

■ 32.7917, 78.1739,  
-149.4837

# Harmonies

## Analogous

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



68.6376, 3.5962, -54.0041



68.6363, 27.2973, -38.9536



68.6376, 44.0332, -13.5742

# Triad

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



68.6376, 27.2959, -38.9512



68.6376, 13.3376, 33.0495



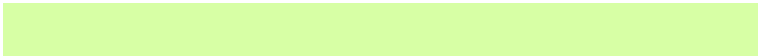
68.6376, -42.9667, -3.3839

# Complementary

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



68.6363, 27.2973, -38.9536



94.1722, -31.0259, 35.0723

# 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.



68.6376, -41.0944, 17.4569



68.6363, 27.2973, -38.9536



68.6376, -10.6383, 34.1505

# Square

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



68.6376, 27.2959, -38.9512



68.6376, 35.2483, 25.7319



68.6376, -29.9573, 29.5157



68.6376, -35.4708, -29.3672



# Rectangle

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



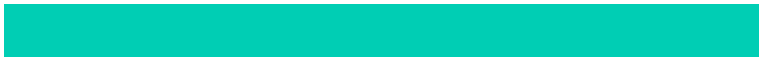
68.6363, 27.2973, -38.9536



68.6376, 47.8325, 2.9983



68.6376, -29.9573, 29.5157



68.6376, -43.3878, 4.4658

# Sweetspot

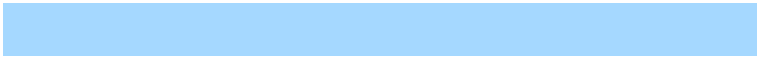
The Sweet Spot groups the original color and five complimentary colors.



68.6376, 27.2959, -38.9512



89.7520, 4.5111, -7.1140



80.2075, -11.0089, -20.7040



40.9511, 2.6568, -4.0380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.6376, 27.2959, -38.9512



63.2751, 33.8724, -49.0665



73.6692, 42.0765, -30.0104



42.1578, 1.4608, -2.4761



23.8829, 56.6960, -107.0135



7.8672, 18.1418, -31.1091



# Inverse Universe

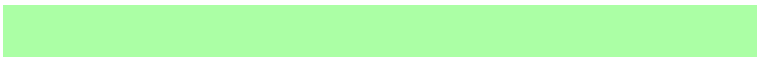
The Inverse Universe completely reimagines the original color for something new.



72.8547, 36.5661, -6.7878



68.5077, 44.5884, -8.3160



91.0468, -42.9796, 32.1678



42.6099, 2.6467, 0.7576



34.8635, 62.7043, -0.7245

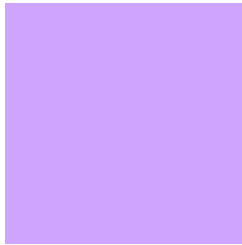


10.9794, 19.9304, -1.6485



# Previews

## White Background



This preview shows how the HunterLab color 68.6363, 27.2973, -38.9536 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

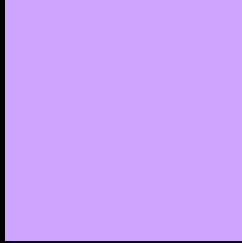
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.6363, 27.2973, -38.9536 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 68.6363, 27.2973, -38.9536 Background



This preview shows how black text looks on a background with the HunterLab color 68.6363, 27.2973, -38.9536.



This preview shows how white text looks on a background with the HunterLab color 68.6363, 27.2973, -38.9536.

-38.9536.

# 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

68.6363, 27.2973, -38.9536

### Protanopia

68.7266, 6.1348, -39.1611

### Deuteranopia

68.7371, 5.8908, -36.9795



## Tritanopia

68.6410, 3.8771, -0.7113

# Trichromacy



## Original Color

68.6363, 27.2973, -38.9536



## Protanomaly

68.6368, 13.2585, -39.1986



## Deuteranomaly

68.6286, 13.0455, -37.7662



## Tritanomaly

68.4099, 12.0455, -13.3545

# Monochromacy



## Original Color

68.6363, 27.2973, -38.9536



## Achromatopsia

70.4935, -3.7614, 3.8300



## Achromatomaly

69.6154, 7.0234, -10.0293

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.6363, 27.2973, -38.9536 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(205, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 165, 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(205, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 165, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.6363, 27.2973, -38.9536 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(205, 165, 255) }
```



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

```
.border{ border-color:rgb(205, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 165,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.6363, 27.2973, -38.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 165, 255) }
```

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

```
.background{ background-color: rgb(205,  
165, 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