

# Converting Colors

HunterLab(71.7856, 49.4990,  
-29.0191)

Have a look what the booklet for  
HunterLab(71.7856, 49.4990,  
-29.0191) contains.

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# Color

**HunterLab(71.5617, 49.1084,  
-29.2980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9AF9
RGB	255, 154, 249
RGB Percent	100%, 60%, 98%
CMY	0.0000, 0.3961, 0.0235
CMYK	0.00, 0.40, 0.02, 0.00
HSL	304°, 100%, 80%
HSV	304°, 40%, 100%
XYZ	69.8945, 51.2108, 95.8234
YIQ	195.0290, 29.7010, 50.9570

# Conversions

## Conversions Part 2

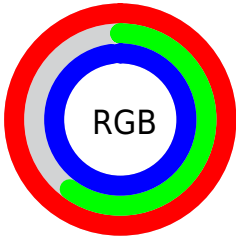
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 154, 249
Decimal	16751353
CIE Lab	76.81, 51.28, -31.65
CIE LCh	77, 60.256, 328.316
Yxy	51.2128, 0.3222, 0.2361
Android (android.graphics.Color)	4294941433 (0xFFFF9AF9)
YUV	195.0290, 26.6077, 52.5946
Hunter-Lab	71.5617, 49.1084, -29.2980

# Details

The HunterLab color **71.5617, 49.1084, -29.2980** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89.9605, -47.4401, 32.6821**, and the grayscale version is **73.7687, -3.9361, 4.0080**.

A 20% lighter version of the original color is **86.3558, 19.0696, -11.4098**, and **49.7900, 45.8644, -27.9010** is the 20% darker color. If you saturate the color by 10%, you get **66.0122, 62.6454, -37.6155**, and if you desaturate by 10%, it is **77.8703, 35.1842, -20.5862**.

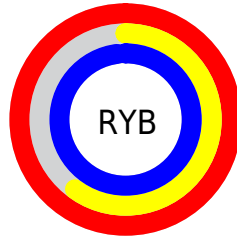
# Distribution



Red (100%)

Green (60%)

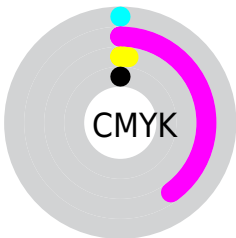
Blue (98%)



Red (100%)

Yellow (60%)

Blue (98%)

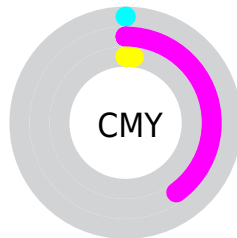


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.5617, 49.1084, -29.2980 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 71.5617, 49.1084, -29.2980 by changing the saturation by 10% instead.





 71.5617, 49.1084,  
-29.2980


 71.5617, 49.1084,  
-29.2980


197.8358, 59.3147,  
-31.6964

 60.3142, 47.5179,  
-28.7744


 95.9006, 51.9695,  
-30.1865

 49.7255, 45.8207,  
-28.2089


 108.9310, 53.2581,  
-30.5519

 39.8412, 44.0133,  
-27.6149


122.5034, 54.4587,  
-30.8649

 30.7156, 42.1060,  
-27.0263

136.5968, 55.5767,  
-31.1269

 22.4180, 40.1384,  
-26.5213

151.1927, 56.6170,  
-31.3393

 15.0410, 38.2369,  
-26.2994

166.2744, 57.5842,

 8.6813, 37.1365,

-31.5039

-27.1528

181.8267, 58.4822,  
-31.6224

0.0000, INF, -NF

0.0000, NaN, -NF

■ 71.5617, 49.1084,  
-29.2980

■ 71.5617, 49.1084,  
-29.2980

■ 66.0122, 62.6454,  
-37.6155

■ 77.8703, 35.1842,  
-20.5862

■ 61.3300, 75.2208,  
-45.1582

■ 84.8267, 21.2606,  
-11.7461

■ 57.6179, 86.0644,  
-51.4357


■ 92.3376, 7.5468,  
-2.9321


■ 54.9400, 94.3669,  
-55.9524

100.0000, -5.3358,  
5.4332

■ 53.2896, 99.5533,

-58.3826

 52.5052, 101.7817,  
-58.8788

 52.4810, 101.8460,  
-58.8829

# Harmonies

## Analogous

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



71.5631, 24.1057, -58.9656



71.5617, 49.1084, -29.2980



71.5631, 59.6901, 2.3448

# Triad

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



71.5631, 49.1053, -29.2963



71.5631, -2.2030, 38.8912



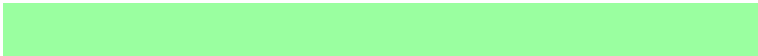
71.5631, -46.0003, -25.5461

# Complementary

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



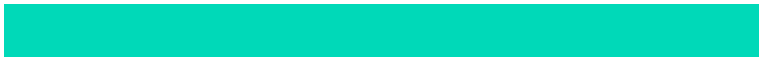
71.5617, 49.1084, -29.2980



89.9605, -47.4401, 32.6821

# 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.



71.5631, -50.8206, 5.4120



71.5617, 49.1084, -29.2980



71.5631, -28.0315, 36.2931

# Square

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



71.5631, 49.1053, -29.2963



71.5631, 27.3343, 35.5963



71.5631, -44.7812, 26.2435



71.5631, -30.4192, -56.2692



# Rectangle

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



71.5617, 49.1084, -29.2980



71.5631, 56.0657, 18.4326



71.5631, -44.7812, 26.2435



71.5631, -48.8143, -14.5238

# Sweetspot

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



71.5631, 49.1053, -29.2963



90.4931, 10.8047, -5.0349



61.4083, 20.1885, -53.1513



41.4062, 5.8244, -2.8612

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.5631, 49.1053, -29.2963



66.8478, 60.5188, -36.3206



69.6547, 39.9558, -2.6075



42.7559, 3.4281, -1.3155



37.9468, 73.6569, -42.7025



11.8637, 23.0636, -13.6249



# Inverse Universe

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



71.5631, 49.1053, -29.2963



66.8478, 60.5188, -36.3206



91.1161, -40.6086, 15.9488



42.7559, 3.4281, -1.3155



37.9468, 73.6569, -42.7025



11.8637, 23.0636, -13.6249



# Previews

## White Background



This preview shows how the HunterLab color 71.5617, 49.1084, -29.2980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

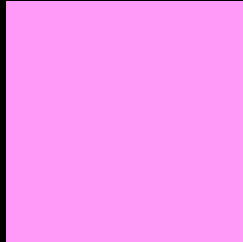
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.5617, 49.1084, -29.2980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

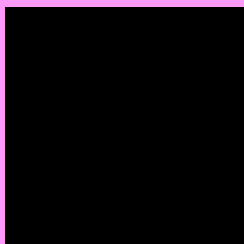
Any Text WCAG AA ✓ Pass

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 71.5617, 49.1084, -29.2980 Background



This preview shows how black text looks on a background with the HunterLab color 71.5617, 49.1084, -29.2980.



This preview shows how white text looks on a background with the HunterLab color 71.5617, 49.1084, -29.2980.

-29.2980.

# 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

71.5617, 49.1084, -29.2980

### Protanopia

71.9253, 4.6971, -33.5855

### Deuteranopia

71.6186, 5.6639, -25.9672



## Tritanopia

71.3683, 26.0455, 8.1151

# Trichromacy



## Original Color

71.5617, 49.1084, -29.2980



## Protanomaly

71.1056, 19.5147, -33.3301



## Deuteranomaly

70.8026, 20.6792, -28.3494



## Tritanomaly

71.2674, 33.8384, -4.0719

# Monochromacy



## Original Color

71.5617, 49.1084, -29.2980



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

72.3191, 14.6298, -7.8886

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.5617, 49.1084, -29.2980 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(255, 154, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 249)  
}
```

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(255, 154, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.5617, 49.1084, -29.2980 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(255, 154, 249) }
```



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

```
.border{ border-color:rgb(255, 154, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.5617, 49.1084, -29.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 249) }
```

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

```
.background{ background-color: rgb(255,  
154, 249) }
```

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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