

# Converting Colors

HunterLab(74.4257, 38.7403,  
-28.8287)

Have a look what the booklet for  
HunterLab(74.4257, 38.7403,  
-28.8287) contains.

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# Color

**HunterLab(74.2891, 38.7745,  
-29.0508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6A9FF
RGB	246, 169, 255
RGB Percent	96%, 66%, 100%
CMY	0.0353, 0.3372, 0.0000
CMYK	0.04, 0.34, 0.00, 0.00
HSL	294°, 100%, 83%
HSV	294°, 34%, 100%
XYZ	70.2440, 55.1887, 101.5579
YIQ	201.8270, 18.2860, 43.0700

# Conversions

## Conversions Part 2

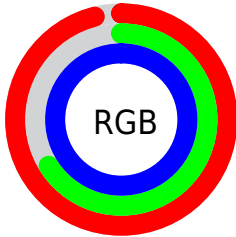
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 169, 255
Decimal	16165375
CIE Lab	79.15, 41.93, -31.36
CIE LCh	79, 52.355, 323.207
Yxy	55.1910, 0.3095, 0.2431
Android (android.graphics.Color)	4294355455 (0xFFFF6A9FF)
YUV	201.8270, 26.2143, 38.7397
Hunter-Lab	74.2891, 38.7745, -29.0508

# Details

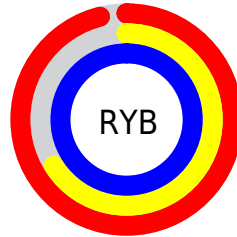
The HunterLab color  $74.2891, 38.7745, -29.0508$  is a light color, and the websafe version is hex  $FF99FF$ . A complement of this color would be  $91.5697, -40.7863, 31.4051$ , and the grayscale version is  $76.6655, -4.0907, 4.1654$ .

A 20% lighter version of the original color is  $90.7361, 10.8181, -5.7193$ , and  $51.9904, 36.2654, -28.2561$  is the 20% darker color. If you saturate the color by 10%, you get  $67.9198, 52.0346, -39.8241$ , and if you desaturate by 10%, it is  $81.3068, 25.4490, -18.4428$ .

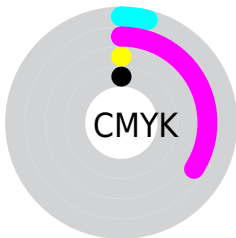
# Distribution



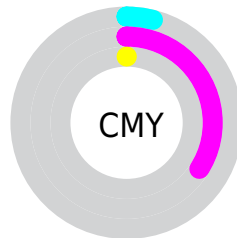
- Red (96%)
- Green (66%)
- Blue (100%)



- Red (96%)
- Yellow (66%)
- Blue (100%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.2891, 38.7745, -29.0508 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 74.2891, 38.7745, -29.0508 by changing the saturation by 10% instead.



74.2891, 38.7745,  
-29.0508

74.2891, 38.7745,  
-29.0508

201.6521, 46.0319,  
-31.2772

62.8925, 37.5434,  
-28.5443

98.9044, 40.9333,  
-29.8994

52.1455, 36.2052,  
-27.9937

112.0638, 41.8800,  
-30.2450

42.0917, 34.7500,  
-27.4085

125.7601, 42.7459,  
-30.5383

32.7827, 33.1727,  
-26.8159

139.9729, 43.5363,  
-30.7809

24.2838, 31.4781,  
-26.2775

154.6841, 44.2561,  
-30.9743

16.6810, 29.7039,  
-25.9469

169.8774, 44.9095,

10.0960, 28.0104,

-31.1204

-26.2778

185.5379, 45.5003,  
-31.2208

0.0000, INF, -NF

0.0000, NaN, -NF

■ 74.2891, 38.7745,  
-29.0508

■ 74.2891, 38.7745,  
-29.0508

■ 67.9198, 52.0346,  
-39.8241

■ 81.3068, 25.4490,  
-18.4428

■ 62.3057, 64.8376,  
-50.5009

■ 88.8714, 12.2873,  
-8.1397

■ 57.5663, 76.5612,  
-60.6282

■ 96.9036, -0.6095,  
1.8155

■ 53.8081, 86.3892,  
-69.5775

100.0000, -5.3358,  
5.4332

■ 51.0956, 93.4791,

-76.6589

■ 49.4090, 97.2983,  
-81.3788

■ 48.7504, 98.2962,  
-83.3010

# Harmonies

## Analogous

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



74.2907, 16.0255, -51.7463



74.2891, 38.7745, -29.0508



74.2907, 50.2944, -1.5949

# Triad

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



74.2907, 38.7721, -29.0483



74.2907, 1.8281, 36.7159



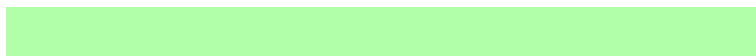
74.2907, -43.3299, -16.4207

# Complementary

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



74.2891, 38.7745, -29.0508



91.5697, -40.7863, 31.4051

# 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.



74.2907, -46.0792, 9.2726



74.2891, 38.7745, -29.0508



74.2907, -22.0478, 35.0774

# Square

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



74.2907, 38.7721, -29.0483



74.2907, 27.2082, 32.2176



74.2907, -38.8051, 26.6231



74.2907, -30.7235, -42.9244



# Rectangle

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



74.2891, 38.7745, -29.0508



74.2907, 49.1064, 13.7882



74.2907, -38.8051, 26.6231



74.2907, -45.3620, -7.2303

# Sweetspot

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



74.2907, 38.7721, -29.0483



91.8113, 7.4514, -4.3917



69.2178, 9.2049, -38.2255



41.9593, 4.2897, -2.6836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.2907, 38.7721, -29.0483



70.2098, 47.1243, -35.8054



74.1038, 35.6055, -9.0264



42.6593, 3.1510, -1.8028



35.2949, 71.1321, -60.0486



11.1334, 22.3655, -18.3809



# Inverse Universe

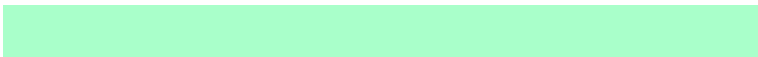
The Inverse Universe completely reimagines the original color for something new.



72.6996, 28.6022, 10.9460



68.3454, 35.2779, 12.3974



91.7706, -38.4864, 19.7865



42.4476, 1.7743, 3.0722



33.4056, 57.3595, 20.4130



10.4702, 18.0701, 5.6833



# Previews

## White Background



This preview shows how the HunterLab color 74.2891, 38.7745, -29.0508 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

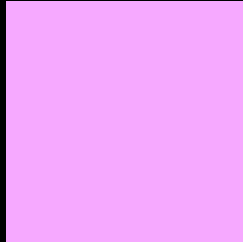
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.2891, 38.7745, -29.0508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

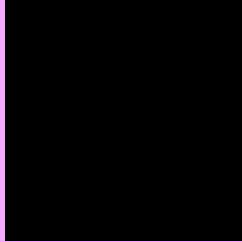
Any Text WCAG AA ✓ Pass

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 74.2891, 38.7745, -29.0508 Background



This preview shows how black text looks on a background with the HunterLab color 74.2891, 38.7745, -29.0508.



This preview shows how white text looks on a background with the HunterLab color 74.2891, 38.7745, -29.0508.

-29.0508.

# 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

74.2891, 38.7745, -29.0508

### Protanopia

74.4226, 3.9117, -29.4434

### Deuteranopia

74.6122, 5.7366, -26.4484



## Tritanopia

74.2732, 18.1466, 4.8700

# Trichromacy



## Original Color

74.2891, 38.7745, -29.0508



## Protanomaly

73.9016, 15.6613, -30.0902



## Deuteranomaly

73.9724, 17.0781, -27.9355



## Tritanomaly

74.2663, 25.1139, -6.2056

# Monochromacy



## Original Color

74.2891, 38.7745, -29.0508



## Achromatopsia

76.8517, -4.1006, 4.1755



## Achromatomaly

75.4671, 10.7430, -7.0525

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.2891, 38.7745, -29.0508 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(246, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 169, 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(246, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 169, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.2891, 38.7745, -29.0508 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(246, 169, 255) }
```



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

```
.border{ border-color:rgb(246, 169, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 169, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 169,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.2891, 38.7745, -29.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 169, 255) }
```

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

```
.background{ background-color: rgb(246,  
169, 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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