

# Converting Colors

HunterLab(74.1281, 98.5769,  
-13.9233)

Have a look what the booklet for  
HunterLab(74.1281, 98.5769,  
-13.9233) contains.

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# Color

**HunterLab(61.3201, 70.4418,  
-34.7980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6BE8
RGB	255, 107, 232
RGB Percent	100%, 42%, 91%
CMY	0.0000, 0.5804, 0.0902
CMYK	0.00, 0.58, 0.09, 0.00
HSL	309°, 100%, 71%
HSV	309°, 58%, 100%
XYZ	61.0631, 37.6015, 80.3833
YIQ	165.5020, 48.0830, 70.2510

# Conversions

## Conversions Part 2

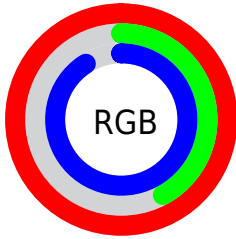
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 107, 232
Decimal	16739304
CIE <sub>Lab</sub>	67.73, 70.55, -36.40
CIE <sub>LCh</sub>	68, 79.384, 332.706
Yxy	37.6031, 0.3410, 0.2100
Android (android.graphics.Color)	4294929384 (0xFFFF6BE8)
YUV	165.5020, 32.7835, 78.4897
Hunter-Lab	61.3201, 70.4418, -34.7980

# Details

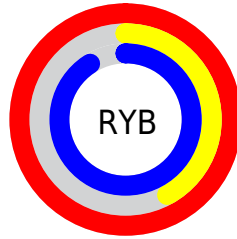
The HunterLab color  $61.3201, 70.4418, -34.7980$  is a light color, and the websafe version is hex  $FF66CC$ . A complement of this color would be  $87.3259, -59.0917, 38.4349$ , and the grayscale version is  $61.4037, -3.2763, 3.3362$ .

A 20% lighter version of the original color is  $74.4246, 44.2288, -28.7344$ , and  $40.6670, 65.9671, -33.6701$  is the 20% darker color. If you saturate the color by 10%, you get  $57.2923, 81.1572, -39.2624$ , and if you desaturate by 10%, it is  $66.2981, 58.1626, -29.0726$ .

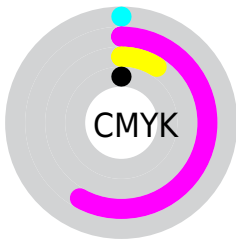
# Distribution



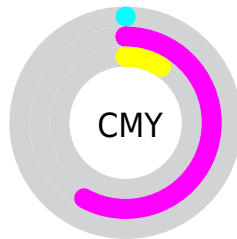
- Red (100%)
- Green (42%)
- Blue (91%)



- Red (100%)
- Yellow (42%)
- Blue (91%)



- Cyan (0%)
- Magenta (58%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3201, 70.4418, -34.7980 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 61.3201, 70.4418, -34.7980 by changing the saturation by 10% instead.



61.3201, 70.4418,  
-34.7980

61.3201, 70.4418,  
-34.7980

183.2797, 86.6333,  
-38.6168

50.6703, 68.1945,  
-34.1600

84.5573, 74.6695,  
-35.9754

40.7192, 65.8926,  
-33.5226

97.0753, 76.6444,  
-36.4993

31.5212, 63.5890,  
-32.9360

110.1565, 78.5255,  
-36.9745

23.1440, 61.4162,  
-32.5141

123.7776, 80.3154,  
-37.4000

15.6777, 59.7151,  
-32.5351

137.9180, 82.0174,  
-37.7760

9.2490, 59.5567,  
-33.8417

152.5593, 83.6352,

0.0000, INF, -NF

-38.1034

0.0000, NaN, NaN

167.6848, 85.1726,  
-38.3832

■ 61.3201, 70.4418,  
-34.7980

■ 61.3201, 70.4418,  
-34.7980

■ 57.2923, 81.1572,  
-39.2624

■ 66.2981, 58.1626,  
-29.0726

■ 54.2908, 89.5026,  
-42.0521

■ 72.1132, 45.0548,  
-22.5073

■ 52.3332, 94.8200,  
-42.8915

■ 78.6521, 31.6414,  
-15.4331

■ 51.3169, 97.0134,  
-41.8564

■ 85.8094, 18.2511,  
-8.0832

■ 51.1716, 97.2579,  
-41.5448

■ 93.4941, 5.0620,  
-0.6065

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



61.3214, 38.4042, -80.9672



61.3201, 70.4418, -34.7980



61.3214, 81.4736, 6.3420

# Triad

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



61.3214, 70.4384, -34.7962



61.3214, -6.4831, 39.3008



61.3214, -51.0115, -43.4743

# Complementary

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



61.3201, 70.4418, -34.7980



87.3259, -59.0917, 38.4349

# 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.



61.3214, -57.8883, 0.1737



61.3201, 70.4418, -34.7980



61.3214, -36.1367, 36.7854

# Square

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



61.3214, 70.4384, -34.7962



61.3214, 31.4885, 37.6332



61.3214, -53.1367, 26.3685



61.3214, -31.6881, -87.6823



# Rectangle

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



61.3201, 70.4418, -34.7980



61.3214, 73.7785, 23.5748



61.3214, -53.1367, 26.3685



61.3214, -54.6261, -27.6014

# Sweetspot

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



61.3214, 70.4384, -34.7962



86.5828, 16.8729, -7.3123



47.3499, 39.2530, -88.6006



39.3660, 9.0431, -4.0738

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.3214, 70.4384, -34.7962



56.6202, 83.0081, -39.9543



58.5434, 58.3528, 3.9665



42.7188, 3.2301, -0.7903



37.0144, 70.3905, -30.3615



11.6038, 22.1544, -10.1954



# Inverse Universe

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



61.3214, 70.4384, -34.7962



56.6202, 83.0081, -39.9543



88.8638, -49.7983, 16.1044



42.7188, 3.2301, -0.7903



37.0144, 70.3905, -30.3615



11.6038, 22.1544, -10.1954



# Previews

## White Background



This preview shows how the HunterLab color 61.3201, 70.4418, -34.7980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

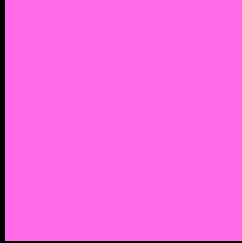
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.3201, 70.4418, -34.7980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

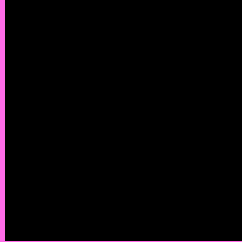
Any Text WCAG AA ✓ Pass

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 61.3201, 70.4418, -34.7980 Background



This preview shows how black text looks on a background with the HunterLab color 61.3201, 70.4418, -34.7980.



This preview shows how white text looks on a background with the HunterLab color 61.3201, 70.4418, -34.7980.

-34.7980.

# 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

61.3201, 70.4418, -34.7980

### Protanopia

61.5516, 9.2432, -53.0420

### Deuteranopia

61.5724, 4.7620, -29.2001



## Tritanopia

61.2687, 39.9241, 14.4428

# Trichromacy



## Original Color

61.3201, 70.4418, -34.7980



## Protanomaly

59.4067, 29.3455, -50.7030



## Deuteranomaly

59.8559, 27.3291, -33.9099



## Tritanomaly

60.8900, 50.4816, -0.0924

# Monochromacy



## Original Color

61.3201, 70.4418, -34.7980



## Achromatopsia

61.7516, -3.2949, 3.3551



## Achromatomaly

59.9786, 22.1403, -10.8098

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.3201, 70.4418, -34.7980 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, 107, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 232)  
}
```

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, 107, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.3201, 70.4418, -34.7980 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, 107, 232) }
```



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

```
.border{ border-color:rgb(255, 107, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.3201, 70.4418, -34.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 232) }
```

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

```
.background{ background-color: rgb(255,  
107, 232) }
```

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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