

# Converting Colors

HunterLab(74.0575, 30.5621,  
-3.5128)

Have a look what the booklet for  
HunterLab(74.0575, 30.5621,  
-3.5128) contains.

<b>HunterLab(74.0052, 30.6950, -3.7631)</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(74.0052, 30.6950,  
-3.7631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBACD4
RGB	251, 172, 212
RGB Percent	98%, 67%, 83%
CMY	0.0157, 0.3255, 0.1686
CMYK	0.00, 0.31, 0.16, 0.02
HSL	330°, 91%, 83%
HSV	330°, 31%, 98%
XYZ	66.4198, 54.7677, 69.3579
YIQ	200.1810, 34.2440, 29.1880

# Conversions

## Conversions Part 2

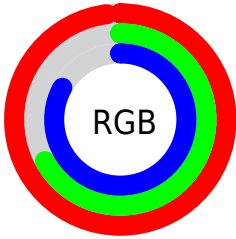
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 172, 212
Decimal	16493780
CIE Lab	78.91, 34.61, -8.45
CIE LCh	79, 35.631, 346.282
Yxy	54.7702, 0.3486, 0.2874
Android (android.graphics.Color)	4294683860 (0xFFFBACD4)
YUV	200.1810, 5.8268, 44.5683
Hunter-Lab	74.0052, 30.6950, -3.7631

# Details

The HunterLab color  $74.0052, 30.6950, -3.7631$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $90.8128, -34.5588, 15.1152$ , and the grayscale version is  $76.0430, -4.0575, 4.1316$ .

A 20% lighter version of the original color is  $91.6334, 9.1808, -4.5897$ , and  $51.9282, 28.3185, -3.9267$  is the 20% darker color. If you saturate the color by 10%, you get  $67.4533, 42.2754, -5.5158$ , and if you desaturate by 10%, it is  $81.1746, 19.0892, -1.3593$ .

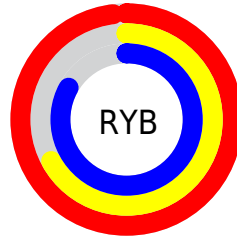
# Distribution



Red (98%)

Green (67%)

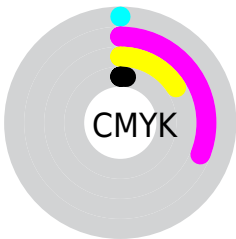
Blue (83%)



Red (98%)

Yellow (67%)

Blue (83%)

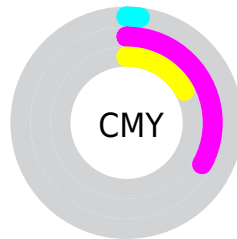


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0052, 30.6950, -3.7631 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 74.0052, 30.6950, -3.7631 by changing the saturation by 10% instead.



74.0052, 30.6950,  
-3.7631

74.0052, 30.6950,  
-3.7631

201.2561, 35.6981,  
0.3481

62.6241, 29.7425,  
-4.0034

98.5922, 32.3119,  
-3.1294

51.8933, 28.6878,  
-4.1901

111.7383, 32.9971,  
-2.7460

41.8570, 27.5177,  
-4.3160

125.4218, 33.6074,  
-2.3214

32.5668, 26.2215,  
-4.3742

139.6223, 34.1481,  
-1.8580

24.0885, 24.7917,  
-4.3557

154.3216, 34.6237,  
-1.3577

16.5087, 23.2356,  
-4.2497

169.5034, 35.0383,

9.9504, 21.6264,

-0.8222

-4.0449

185.1528, 35.3954,  
-0.2532

0.0000, INF, -NF

0.0000, NaN, NaN

■ 74.0052, 30.6950,  
-3.7631

■ 74.0052, 30.6950,  
-3.7631

■ 67.4533, 42.2754,  
-5.5158

■ 81.1746, 19.0892,  
-1.3593

■ 61.6263, 53.5251,  
-6.4380

■ 88.8613, 7.6324,  
1.5413

■ 56.6505, 63.9277,  
-6.3262

■ 96.9891, -3.6064,  
4.8260

■ 52.6473, 72.7674,  
-5.0083

■ 99.6240, -6.6462,  
4.9668

■ 49.7056, 79.2464,

-2.4232

■ 47.8389, 82.7780,  
1.2915

■ 46.9508, 83.6728,  
5.0049

# Harmonies

## Analogous

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



74.0069, 21.2831, -20.9494



74.0052, 30.6950, -3.7631



74.0069, 30.2457, 12.2550

# Triad

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



74.0069, 30.6922, -3.7615



74.0069, -12.9281, 28.1608



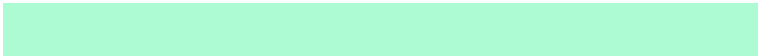
74.0069, -25.2893, -22.2641

# Complementary

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



74.0052, 30.6950, -3.7631



90.8128, -34.5588, 15.1152

# 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.



74.0069, -32.8854, -5.2666



74.0052, 30.6950, -3.7631



74.0069, -26.2033, 22.5145

# Square

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



74.0069, 30.6922, -3.7615



74.0069, 3.9893, 28.3861



74.0069, -33.2041, 11.0540



74.0069, -11.5735, -33.1564



# Rectangle

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



74.0052, 30.6950, -3.7631



74.0069, 24.3946, 20.2193



74.0069, -33.2041, 11.0540



74.0069, -28.5864, -16.9219

# Sweetspot

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



74.0069, 30.6922, -3.7615



92.4732, 4.9289, 2.3609



70.8530, 24.1369, -32.2910



42.2340, 3.0564, 0.8746

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0069, 30.6922, -3.7615



70.8948, 39.0031, -5.0868



72.8329, 24.7667, 12.9957



41.6796, 2.4841, 0.9972



34.0831, 60.8212, 3.0090



10.4753, 18.8829, -0.5462



# Inverse Universe

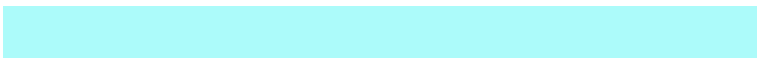
The Inverse Universe completely reimagines the original color for something new.



74.0069, 30.6922, -3.7615



70.8948, 39.0031, -5.0868



92.0046, -27.6873, -1.9080



41.6796, 2.4841, 0.9972



34.0831, 60.8212, 3.0090



10.4753, 18.8829, -0.5462



# Previews

## White Background



This preview shows how the HunterLab color 74.0052, 30.6950, -3.7631 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

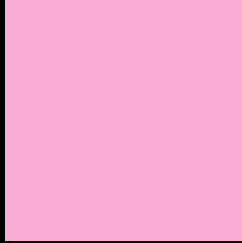
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.0052, 30.6950, -3.7631 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

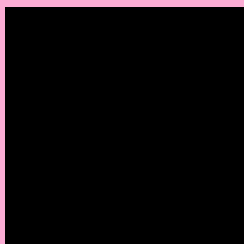
Any Text WCAG AA ✓ Pass

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 74.0052, 30.6950, -3.7631 Background



This preview shows how black text looks on a background with the HunterLab color 74.0052, 30.6950, -3.7631.



This preview shows how white text looks on a background with the HunterLab color 74.0052, 30.6950, -3.7631.

-3.7631.

# 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

74.0052, 30.6950, -3.7631

### Protanopia

74.1766, 0.7499, -11.7910

### Deuteranopia

74.1523, 5.5584, -2.4417



## Tritanopia

73.9468, 23.6875, 7.3787

# Trichromacy



## Original Color

74.0052, 30.6950, -3.7631



## Protanomaly

73.7125, 10.8765, -9.4106



## Deuteranomaly

73.7343, 14.5383, -3.3392



## Tritanomaly

74.0479, 25.8396, 3.7848

# Monochromacy



## Original Color

74.0052, 30.6950, -3.7631



## Achromatopsia

75.9987, -4.0551, 4.1292



## Achromatomaly

74.9977, 8.0499, 1.1922

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0052, 30.6950, -3.7631 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(251, 172, 212)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 212)  
}
```

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(251, 172, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0052, 30.6950, -3.7631 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(251, 172, 212) }
```



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

```
.border{ border-color:rgb(251, 172, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
212) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0052, 30.6950, -3.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 212) }
```

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

```
.background{ background-color: rgb(251,  
172, 212) }
```

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