

# Converting Colors

HunterLab(84.5012, 21.6003,  
-11.5327)

Have a look what the booklet for  
HunterLab(84.5012, 21.6003,  
-11.5327) contains.

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# Color

**HunterLab(84.5049, 21.6192,  
-11.5843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCFB
RGB	255, 204, 251
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.2000, 0.0157
CMYK	0.00, 0.20, 0.02, 0.00
HSL	305°, 100%, 90%
HSV	305°, 20%, 100%
XYZ	80.2455, 71.4108, 100.8211
YIQ	224.6070, 15.3090, 25.4290

# Conversions

## Conversions Part 2

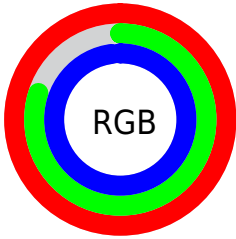
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 204, 251
Decimal	16764155
CIE Lab	87.69, 25.65, -16.17
CIE LCh	88, 30.321, 327.773
Yxy	71.4136, 0.3178, 0.2828
Android (android.graphics.Color)	4294954235 (0xFFFFCCFB)
YUV	224.6070, 13.0117, 26.6547
Hunter-Lab	84.5049, 21.6192, -11.5843

# Details

The HunterLab color  $84.5049, 21.6192, -11.5843$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $94.2934, -28.6225, 20.0780$ , and the grayscale version is  $86.5430, -4.6177, 4.7020$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.1520, 20.7576, -11.4399$  is the 20% darker color. If you saturate the color by 10%, you get  $77.5513, 35.4405, -20.1126$ , and if you desaturate by 10%, it is  $92.0168, 7.9895, -3.0378$ .

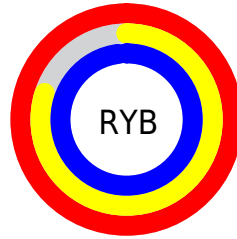
# Distribution



Red (100%)

Green (80%)

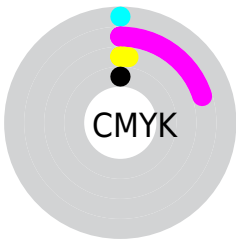
Blue (98%)



Red (100%)

Yellow (80%)

Blue (98%)

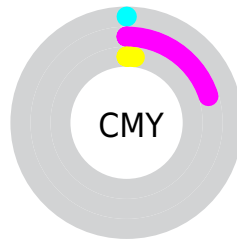


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5049, 21.6192, -11.5843 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 84.5049, 21.6192, -11.5843 by changing the saturation by 10% instead.




 84.5049, 21.6192,  
-11.5843

 84.5049, 21.6192,  
-11.5843


215.7540, 23.2631,  
-9.4839

 72.5809, 21.1108,  
-11.5763

110.1011, 22.3993,  
-11.4320

 61.2758, 20.5193,  
-11.5099

123.7200, 22.6889,  
-11.2814

 50.6275, 19.8323,  
-11.3793


137.8582, 22.9171,  
-11.0846

 40.6794, 19.0382,  
-11.1798

152.4975, 23.0880,  
-10.8439

 31.4847, 18.1232,  
-10.9073

167.6211, 23.2052,  
-10.5617

 23.1111, 17.0710,  
-10.5612

183.2140, 23.2716,

 15.6487, 15.8668,

-10.2398

-10.1530

199.2625, 23.2901,  
-9.8800

■ 9.2241, 14.5308,  
-9.7503

0.0000, INF, -NF

■ 84.5049, 21.6192,  
-11.5843

■ 84.5049, 21.6192,  
-11.5843

■ 77.5513, 35.4405,  
-20.1126

■ 92.0168, 7.9895,  
-3.0378

■ 71.2460, 49.2473,  
-28.4668

100.0000, -5.3358,  
5.4332

■ 65.6981, 62.6549,  
-36.3823

■ 61.0206, 75.0764,  
-43.4767

■ 57.3149, 85.7429,  
-49.2716

■ 54.6447, 93.8475,  
-53.2920

■ 53.0017, 98.8263,  
-55.2410

■ 52.2097, 100.8989,  
-55.3224

■ 52.2096, 100.8993,  
-55.3224

# Harmonies

## Analogous

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



84.5066, 9.5186, -23.8321



84.5049, 21.6192, -11.5843



84.5066, 26.6674, 3.5142

# Triad

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



84.5066, 21.6163, -11.5828



84.5066, -3.3768, 27.9028



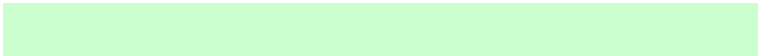
84.5066, -28.8144, -9.3846

# Complementary

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



84.5049, 21.6192, -11.5843



94.2934, -28.6225, 20.0780

# 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.



84.5066, -31.7409, 5.6714



84.5049, 21.6192, -11.5843



84.5066, -17.6860, 25.6599

# Square

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



84.5066, 21.6163, -11.5828



84.5066, 11.6179, 24.8747



84.5066, -27.8098, 18.1047



84.5066, -19.5190, -22.4137



# Rectangle

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



84.5049, 21.6192, -11.5843



84.5066, 25.1092, 12.6424



84.5066, -27.8098, 18.1047



84.5066, -30.5456, -4.3200

# Sweetspot

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



84.5066, 21.6163, -11.5828



95.1560, 2.6225, 0.3612



79.8326, 6.7236, -20.9531



43.7839, 1.6174, -0.0894

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.5066, 21.6163, -11.5828



81.6513, 27.1343, -15.0055



83.6332, 17.0793, 0.7722



42.7485, 3.3887, -1.2111



37.7537, 72.9835, -40.1700



11.8102, 22.8772, -12.9246



# Inverse Universe

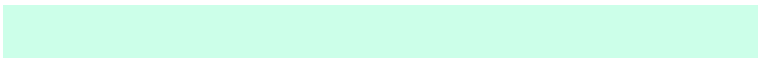
The Inverse Universe completely reimagines the original color for something new.



84.5066, 21.6163, -11.5828



81.6513, 27.1343, -15.0055



94.9925, -24.6331, 10.0317



42.7485, 3.3887, -1.2111



37.7537, 72.9835, -40.1700



11.8102, 22.8772, -12.9246



# Previews

## White Background



This preview shows how the HunterLab color 84.5049, 21.6192, -11.5843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

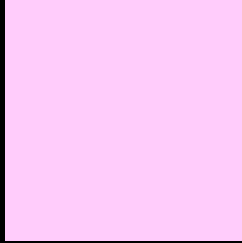
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.5049, 21.6192, -11.5843 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 84.5049, 21.6192, -11.5843 Background



This preview shows how black text looks on a background with the HunterLab color 84.5049, 21.6192, -11.5843.



This preview shows how white text looks on a background with the HunterLab color 84.5049, 21.6192, -11.5843.

-11.5843.

# 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

84.5049, 21.6192, -11.5843

### Protanopia

84.5630, 0.9608, -14.2086

### Deuteranopia

84.5143, 6.5774, -10.6812



## Tritanopia

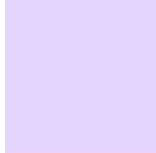
84.5851, 12.7276, 2.4121

# Trichromacy



## Original Color

84.5049, 21.6192, -11.5843



## Protanomaly

84.4027, 8.1150, -13.7167



## Deuteranomaly

84.3638, 12.2399, -11.3632



## Tritanomaly

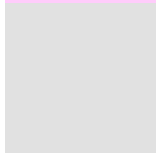
84.4166, 15.7419, -2.3796

# Monochromacy



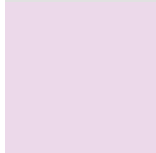
## Original Color

84.5049, 21.6192, -11.5843



## Achromatopsia

86.7722, -4.6299, 4.7145



## Achromatomaly

85.6733, 4.7844, -0.9951

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.5049, 21.6192, -11.5843 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, 204, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 251)  
}
```

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, 204, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 251) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.5049, 21.6192, -11.5843 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, 204, 251) }
```



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

```
.border{ border-color:rgb(255, 204, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
251) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.5049, 21.6192, -11.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 251) }
```

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

```
.background{ background-color: rgb(255,  
204, 251) }
```

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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