

# Converting Colors

HunterLab(86.3858, 9.4084,  
-4.7963)

Have a look what the booklet for  
HunterLab(86.3858, 9.4084, -4.7963)  
contains.

<b>HunterLab(86.3930, 9.3424, -4.7941)</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(86.3930, 9.3424,  
-4.7941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3D8F3
RGB	243, 216, 243
RGB Percent	95%, 85%, 95%
CMY	0.0471, 0.1529, 0.0471
CMYK	0.00, 0.11, 0.00, 0.05
HSL	300°, 53%, 90%
HSV	300°, 11%, 95%
XYZ	77.6957, 74.6375, 95.1054
YIQ	227.1510, 7.4250, 14.1210

# Conversions

## Conversions Part 2

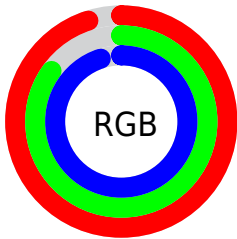
Format	Color
R <sub>Y</sub> B	243, 216, 243
Decimal	15980787
CIE Lab	89.22, 13.96, -9.76
CIE LCh	89, 17.033, 325.037
Yxy	74.6407, 0.3140, 0.3016
Android (android.graphics.Color)	4294170867 (0xFFFF3D8F3)
YUV	227.1510, 7.8136, 13.8996
Hunter-Lab	86.3930, 9.3424, -4.7941

# Details

The HunterLab color  $86.3930, 9.3424, -4.7941$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $91.4659, -18.0570, 13.9301$ , and the grayscale version is  $87.6765, -4.6782, 4.7636$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.9622, 9.4773, -5.3088$  is the 20% darker color. If you saturate the color by 10%, you get  $79.4331, 22.6214, -13.9498$ , and if you desaturate by 10%, it is  $93.8224, -3.6332, 4.1639$ .

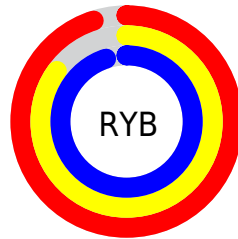
# Distribution



Red (95%)

Green (85%)

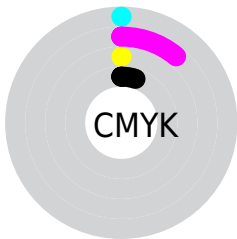
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

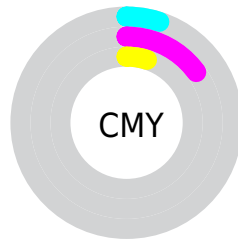


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3930, 9.3424, -4.7941 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 86.3930, 9.3424, -4.7941 by changing the saturation by 10% instead.



86.3930, 9.3424,  
-4.7941

86.3930, 9.3424,  
-4.7941

218.3304, 7.0806,  
-0.7366

74.3765, 9.3450,  
-5.0344

112.1622, 9.1585,  
-4.1659

62.9737, 9.2851,  
-5.2239

125.8623, 8.9902,  
-3.7873

52.2218, 9.1535,  
-5.3561

140.0789, 8.7749,  
-3.3685

42.1627, 8.9412,  
-5.4255

154.7937, 8.5154,  
-2.9115

32.8481, 8.6363,  
-5.4250

169.9904, 8.2142,  
-2.4183

24.3429, 8.2229,  
-5.3462

185.6543, 7.8734,

16.7332, 7.6787,

-1.8905

-5.1796

201.7718, 7.4950,  
-1.3295

10.1402, 6.9719,  
-4.9188

0.0000, INF, -NF

86.3930, 9.3424,  
-4.7941

86.3930, 9.3424,  
-4.7941

79.4331, 22.6214,  
-13.9498

93.8224, -3.6332,  
4.1639

73.0152, 36.1000,  
-23.2315

98.5120, -11.3114,  
9.4700

67.2329, 49.5479,  
-32.4809

98.5120, -11.3114,  
9.4698

62.1879, 62.5705,  
-41.4276

98.5120, -11.3113,  
9.4697

57.9841, 74.5776,  
-49.6686

98.5120, -11.3113,  
9.4696

54.7101, 84.8231,  
-56.6949

98.5120, -11.3112,  
9.4695

52.4143, 92.5621,  
-61.9990

98.5121, -11.3112,  
9.4693

51.0733, 97.3223,  
-65.2601

98.5121, -11.3111,  
9.4692

50.5232, 99.3302,  
-66.6353

98.5121, -11.3111,  
9.4691

# Harmonies

## Analogous

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



86.3949, 2.4862, -10.7757



86.3930, 9.3424, -4.7941



86.3949, 12.4611, 3.3327

# Triad

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



86.3949, 9.3402, -4.7925



86.3949, -3.1812, 18.9350



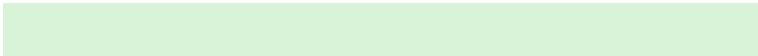
86.3949, -19.0735, -2.2134

# Complementary

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



86.3930, 9.3424, -4.7941



91.4659, -18.0570, 13.9301

# 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.



86.3949, -20.4588, 6.0506



86.3930, 9.3424, -4.7941



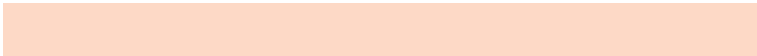
86.3949, -11.4929, 17.7596

# Square

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



86.3949, 9.3402, -4.7925



86.3949, 5.0540, 16.6119



86.3949, -17.7360, 13.2292



86.3949, -13.8755, -9.1877



# Rectangle

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



86.3930, 9.3424, -4.7941



86.3949, 11.9197, 8.6801



86.3949, -17.7360, 13.2292



86.3949, -19.9917, 0.5268

# Sweetspot

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



86.3949, 9.3402, -4.7925



97.5786, -1.2639, 2.6205



83.7768, 0.5250, -8.3787



44.8480, -0.0787, 0.8629

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.3949, 9.3402, -4.7925



89.8014, 12.5420, -6.9084



85.9389, 6.9094, 1.6793



40.9492, 3.3746, -1.5558



37.4291, 73.5867, -49.3654



11.0963, 21.8157, -14.6351



# Inverse Universe

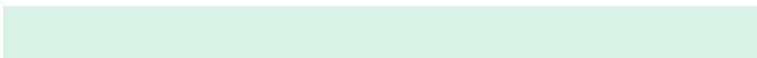
The Inverse Universe completely reimagines the original color for something new.



86.3949, 9.3402, -4.7925



89.8014, 12.5420, -6.9084



91.8625, -15.8319, 8.2456



40.9492, 3.3746, -1.5558



37.4291, 73.5867, -49.3654

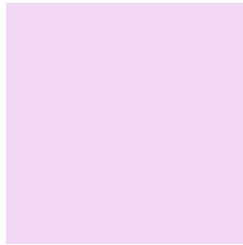


11.0963, 21.8157, -14.6351



# Previews

## White Background



This preview shows how the HunterLab color 86.3930, 9.3424, -4.7941 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

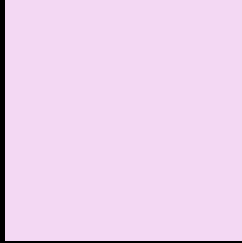
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.3930, 9.3424, -4.7941 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 86.3930, 9.3424, -4.7941 Background



This preview shows how black text looks on a background with the HunterLab color 86.3930, 9.3424, -4.7941.



This preview shows how white text looks on a background with the HunterLab color 86.3930, 9.3424,

-4.7941.

# 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

86.3930, 9.3424, -4.7941

### Protanopia

86.6143, -0.5131, -6.8733

### Deuteranopia

86.4818, 6.5727, -4.7282



## Tritanopia

86.2806, 6.8236, -0.2059

# Trichromacy



## Original Color

86.3930, 9.3424, -4.7941

## Protanomaly

86.4079, 3.4326, -6.5216

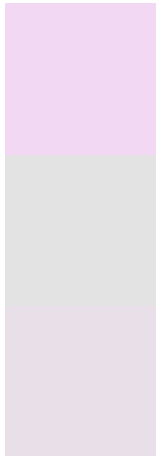
## Deuteranomaly

86.3840, 7.7836, -4.8330

## Tritanomaly

86.3814, 7.3618, -1.6362

# Monochromacy



## Original Color

86.3930, 9.3424, -4.7941

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.1678, 0.4251, 1.2840

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.3930, 9.3424, -4.7941 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(243, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 243)  
}
```

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(243, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.3930, 9.3424, -4.7941 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(243, 216, 243) }
```



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

```
.border{ border-color:rgb(243, 216, 243) }
```

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

Here you see how a box with a 4 pixel rgb(243, 216, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.3930, 9.3424, -4.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 243) }
```

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

```
.background{ background-color: rgb(243,  
216, 243) }
```

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