

# Converting Colors

HunterLab(94.8725, 1.8486,  
2.3790)

Have a look what the booklet for  
HunterLab(94.8725, 1.8486, 2.3790)  
contains.

<b>HunterLab(94.7800, 2.1361, 2.3767)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(94.7800, 2.1361,  
2.3767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEFF9
RGB	255, 239, 249
RGB Percent	100%, 94%, 98%
CMY	0.0000, 0.0627, 0.0235
CMYK	0.00, 0.06, 0.02, 0.00
HSL	323°, 100%, 97%
HSV	323°, 6%, 100%
XYZ	89.2053, 89.8325, 102.2603
YIQ	244.9240, 6.3260, 6.5020

# Conversions

## Conversions Part 2

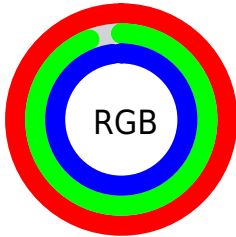
Format	Color
R <sub>Y</sub> B	255, 239, 249
Decimal	16773113
CIE Lab	95.93, 7.09, -2.88
CIE LCh	96, 7.654, 337.893
Yxy	89.8361, 0.3171, 0.3194
Android (android.graphics.Color)	4294963193 (0xFFFFE9F9)
YUV	244.9240, 2.0095, 8.8367
Hunter-Lab	94.7800, 2.1361, 2.3767

# Details

The HunterLab color  $94.7800, 2.1361, 2.3767$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $98.2164, -12.2356, 8.1557$ , and the grayscale version is  $95.5136, -5.0964, 5.1894$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.5145, 2.7840, 1.0784$  is the 20% darker color. If you saturate the color by 10%, you get  $86.8109, 14.2347, -2.2633$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

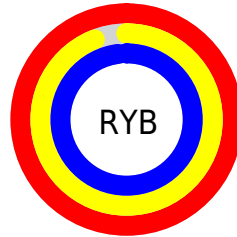
# Distribution



Red (100%)

Green (94%)

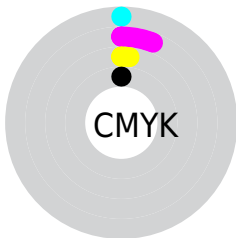
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

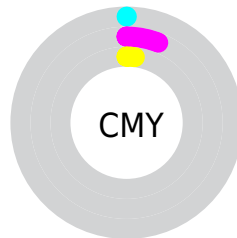


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 94.7800, 2.1361, 2.3767 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 94.7800, 2.1361, 2.3767 by changing the saturation by 10% instead.



94.7800, 2.1361,  
2.3767

94.7800, 2.1361,  
2.3767

229.6732, -2.6650,  
8.7909

82.3679, 2.4772,  
1.8257

121.2892, 1.3166,  
3.5895

70.5489, 2.7738,  
1.3116

135.3376, 0.8492,  
4.2449

59.3564, 3.0190,  
0.8386

149.8901, 0.3453,  
4.9314

48.8278, 3.2074,  
0.4099

164.9297, -0.1932,  
5.6478

39.0078, 3.3324,  
0.0297

180.4412, -0.7649,  
6.3929

29.9519, 3.3847,  
-0.2966

196.4106, -1.3682,

21.7311, 3.3518,

7.1657

-0.5618

212.8252, -2.0020,  
7.9654

■ 14.4406, 3.2144,  
-0.7553

■ 8.1015, 3.3815,  
-1.0328

■ 94.7800, 2.1361,  
2.3767

■ 94.7800, 2.1361,  
2.3767

■ 86.8109, 14.2347,  
-2.2633

100.0000, -5.3358,  
5.4332

■ 79.3316, 26.5252,  
-6.5330

■ 72.4314, 38.8753,  
-10.2897

■ 66.2144, 51.0283,  
-13.3403

■ 60.7991, 62.5451,  
-15.4382

■ 56.3076, 72.7752,  
-16.3079

■ 52.8438, 80.9159,  
-15.7102

■ 50.4579, 86.2267,  
-13.5523

■ 49.1001, 88.3856,  
-9.9989

# Harmonies

## Analogous

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



94.7819, -0.3157, -0.7681



94.7800, 2.1361, 2.3767



94.7819, 2.6384, 6.1536

# Triad

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



94.7819, 2.1332, 2.3781



94.7819, -6.1111, 12.0913



94.7819, -11.0270, 0.5777

# Complementary

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



94.7800, 2.1361, 2.3767



98.2164, -12.2356, 8.1557

# 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.



94.7819, -12.5250, 4.1540



94.7800, 2.1361, 2.3767



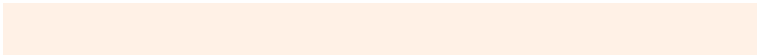
94.7819, -9.7175, 10.7269

# Square

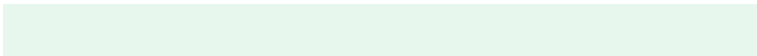
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



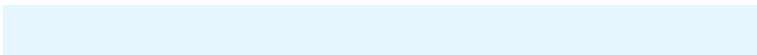
94.7819, 2.1332, 2.3781



94.7819, -2.1648, 11.6598



94.7819, -12.0496, 7.8585



94.7819, -7.9256, -1.8371

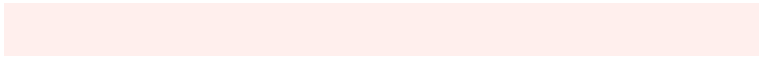


# Rectangle

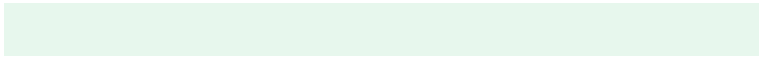
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



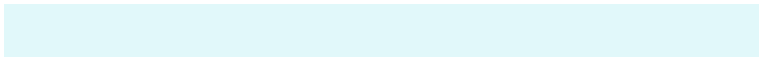
94.7800, 2.1361, 2.3767



94.7819, 1.7973, 8.5025



94.7819, -12.0496, 7.8585



94.7819, -11.7324, 1.6896

# Sweetspot

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



94.7819, 2.1332, 2.3781



98.3191, -2.9647, 4.4486



93.9924, -0.1598, -1.7633



45.5253, -1.4261, 2.0806

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



94.7819, 2.1332, 2.3781



93.3728, 4.2077, 1.5544



94.5281, 0.7602, 5.9963



42.6357, 2.7851, 0.3905



35.2893, 64.2438, -6.7304



11.1074, 20.3913, -3.4389



# Inverse Universe

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



94.7819, 2.1332, 2.3781



93.3728, 4.2077, 1.5544



98.4658, -10.8532, 4.5950



42.6357, 2.7851, 0.3905



35.2893, 64.2438, -6.7304

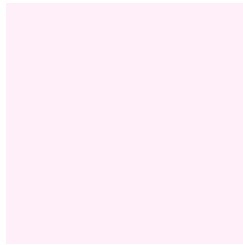


11.1074, 20.3913, -3.4389



# Previews

## White Background



This preview shows how the HunterLab color 94.7800, 2.1361, 2.3767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

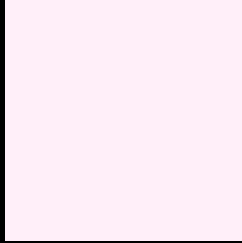
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 94.7800, 2.1361, 2.3767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

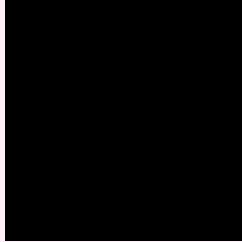
Any Text WCAG AA ✓ Pass

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 94.7800, 2.1361, 2.3767 Background



This preview shows how black text looks on a background with the HunterLab color 94.7800, 2.1361, 2.3767.



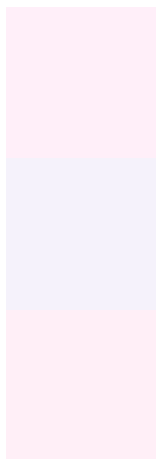
This preview shows how white text looks on a background with the HunterLab color 94.7800, 2.1361,

2.3757.

# 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

94.7800, 2.1361, 2.3767

### Protanopia

94.8060, -2.4448, 1.2996

### Deuteranopia

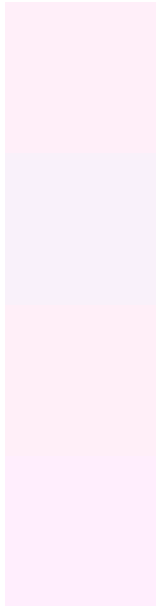
94.7145, 1.7821, 3.3097



## Tritanopia

94.6726, 3.7575, -0.8467

# Trichromacy



## Original Color

94.7800, 2.1361, 2.3767

## Protanomaly

94.8433, -0.7738, 1.8895

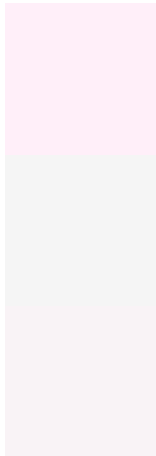
## Deuteranomaly

94.7472, 1.9587, 2.8443

## Tritanomaly

94.6049, 3.3928, 0.1151

# Monochromacy



## Original Color

94.7800, 2.1361, 2.3767

## Achromatopsia

95.5562, -5.0986, 5.1917

## Achromatomaly

95.3387, -2.5471, 4.4810

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 94.7800, 2.1361, 2.3767 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, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 249)  
}
```

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, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 94.7800, 2.1361, 2.3767 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, 239, 249) }
```



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

```
.border{ border-color:rgb(255, 239, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 94.7800, 2.1361, 2.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 249) }
```

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

```
.background{ background-color: rgb(255,  
239, 249) }
```

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