

# Converting Colors

HunterLab(82.3662, 14.6959,  
9.6879)

Have a look what the booklet for  
HunterLab(82.3662, 14.6959,  
9.6879) contains.

<b>HunterLab(82.3776, 14.5819, 9.8999)</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(82.3776, 14.5819,  
9.8999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCACC
RGB	255, 202, 204
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2078, 0.2000
CMYK	0.00, 0.21, 0.20, 0.00
HSL	358°, 100%, 90%
HSV	358°, 21%, 100%
XYZ	73.2596, 67.8607, 66.3639
YIQ	218.0750, 30.9460, 11.8580

# Conversions

## Conversions Part 2

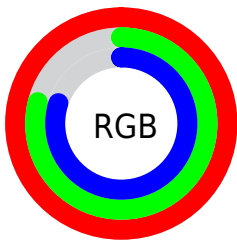
Format	Color
R <sub>Y</sub> B	255, 202, 204
Decimal	16763596
CIE Lab	85.94, 19.05, 6.18
CIE LCh	86, 20.029, 17.980
Yxy	67.8637, 0.3531, 0.3271
Android (android.graphics.Color)	4294953676 (0xFFFFCACC)
YUV	218.0750, -6.9390, 32.3832
Hunter-Lab	82.3776, 14.5819, 9.8999

# Details

The HunterLab color **82.3776, 14.5819, 9.8999** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95.4828, -21.5599, 0.7522**, and the grayscale version is **83.7854, -4.4706, 4.5522**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **59.4875, 14.0727, 8.1439** is the 20% darker color. If you saturate the color by 10%, you get **74.6880, 24.7576, 12.4058**, and if you desaturate by 10%, it is **90.6129, 4.7860, 7.6344**.

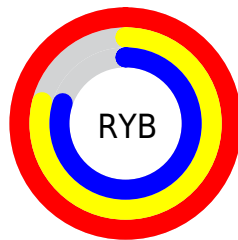
# Distribution



Red (100%)

Green (79%)

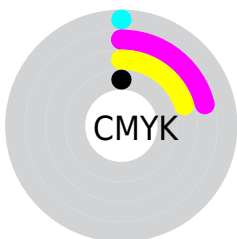
Blue (80%)



Red (100%)

Yellow (79%)

Blue (80%)

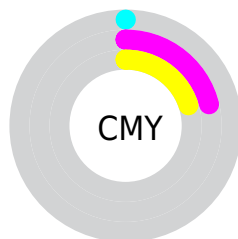


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.3776, 14.5819, 9.8999 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 82.3776, 14.5819, 9.8999 by changing the saturation by 10% instead.




 82.3776, 14.5819,  
9.8999

 82.3776, 14.5819,  
9.8999


212.8410, 14.1559,  
19.1435

 70.5598, 14.3390,  
8.9654


107.7762, 14.8556,  
11.8259

 59.3667, 14.0226,  
8.0461


121.3023, 14.9036,  
12.8157

 48.8374, 13.6206,  
7.1418


135.3512, 14.8970,  
13.8240

 39.0168, 13.1218,  
6.2500


149.9041, 14.8395,  
14.8509

 29.9601, 12.5116,  
5.3666

164.9442, 14.7341,  
15.8964

 21.7384, 11.7712,  
4.4840

180.4561, 14.5835,

 14.4471, 10.8771,

16.9604

3.5883

196.4260, 14.3901,  
18.0428

■ 8.1080, 10.3594,  
3.6021

0.0000, INF, NaN

■ 82.3776, 14.5819,  
9.8999

■ 82.3776, 14.5819,  
9.8999

■ 74.6880, 24.7576,  
12.4058

■ 90.6129, 4.7860,  
7.6344

■ 67.6455, 35.2420,  
15.1501

■ 99.3033, -4.6163,  
5.5850

■ 61.3822, 45.8125,  
18.0962

100.0000, -5.3358,  
5.4332

■ 56.0472, 56.0342,  
21.1380

■ 51.7919, 65.2115,  
24.0759

■ 48.7342, 72.4732,  
26.6270

■ 46.9027, 77.0781,  
28.5031

■ 46.1314, 79.0470,  
29.4555

# Harmonies

## Analogous

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



82.3794, 15.1393, 0.6072



82.3776, 14.5819, 9.8999



82.3794, 8.7882, 16.8799

# Triad

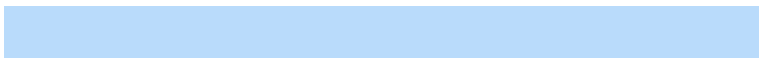
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3794, 14.5788, 9.9012



82.3794, -18.1234, 15.7497



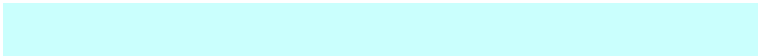
82.3794, -8.3426, -15.3541

# Complementary

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



82.3776, 14.5819, 9.8999



95.4828, -21.5599, 0.7522

# 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.



82.3794, -16.8073, -10.1986



82.3776, 14.5819, 9.8999



82.3794, -22.2724, 8.1814

# Square

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



82.3794, 14.5788, 9.9012



82.3794, -10.2170, 19.9707



82.3794, -21.8023, -1.3278



82.3794, 1.5831, -14.7514



# Rectangle

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



82.3776, 14.5819, 9.8999



82.3794, 2.8891, 19.6211



82.3794, -21.8023, -1.3278



82.3794, -11.4441, -14.2141

# Sweetspot

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



82.3794, 14.5788, 9.9012



94.7161, 0.2426, 6.6289



83.8003, 22.5700, -14.9040



43.5580, 0.3969, 3.1291

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.3794, 14.5788, 9.9012



79.0633, 18.8276, 10.9280



89.3519, 1.5698, 18.0055



42.4242, 1.6487, 3.4056



33.3535, 57.1663, 21.1855



10.4254, 17.9042, 6.3455



# Inverse Universe

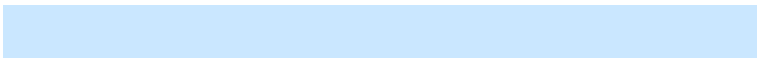
The Inverse Universe completely reimagines the original color for something new.



82.3794, 14.5788, 9.9012



79.0633, 18.8276, 10.9280



87.7581, -9.1067, -10.0010



42.4242, 1.6487, 3.4056



33.3535, 57.1663, 21.1855



10.4254, 17.9042, 6.3455



# Previews

## White Background



This preview shows how the HunterLab color 82.3776, 14.5819, 9.8999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

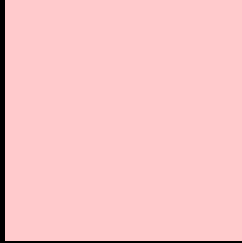
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.3776, 14.5819, 9.8999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

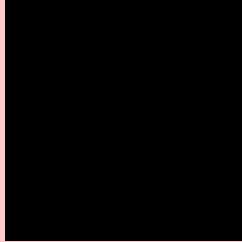
Any Text WCAG AA ✓ Pass

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 82.3776, 14.5819, 9.8999 Background



This preview shows how black text looks on a background with the HunterLab color 82.3776, 14.5819, 9.8999.



This preview shows how white text looks on a background with the HunterLab color 82.3776, 14.5819,

9.8999.

# 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

82.3776, 14.5819, 9.8999

### Protanopia

82.4693, -2.9409, 6.4593

### Deuteranopia

82.5375, 6.1040, 10.3799



## Tritanopia

82.4568, 17.0223, 4.3943

# Trichromacy



## Original Color

82.3776, 14.5819, 9.8999

## Protanomaly

82.4445, 3.0266, 7.9399

## Deuteranomaly

82.4908, 8.9668, 10.3782

## Tritanomaly

82.3327, 16.3745, 6.1649

# Monochromacy



## Original Color

82.3776, 14.5819, 9.8999

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

82.9940, 2.1063, 6.2060

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.3776, 14.5819, 9.8999 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, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 204)  
}
```

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, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.3776, 14.5819, 9.8999 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, 202, 204) }
```



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

```
.border{ border-color:rgb(255, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.3776, 14.5819, 9.8999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 204) }
```

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

```
.background{ background-color: rgb(255,  
202, 204) }
```

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