

# Converting Colors

HunterLab(64.4559, 40.8752,  
13.9251)

Have a look what the booklet for  
HunterLab(64.4559, 40.8752,  
13.9251) contains.

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# Color

**HunterLab(64.3815, 41.1153,  
13.8191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE8A96
RGB	254, 138, 150
RGB Percent	100%, 54%, 59%
CMY	0.0039, 0.4588, 0.4118
CMYK	0.00, 0.46, 0.41, 0.00
HSL	354°, 98%, 77%
HSV	354°, 46%, 100%
XYZ	55.4665, 41.4498, 33.9314
YIQ	174.0520, 65.2840, 28.3240

# Conversions

## Conversions Part 2

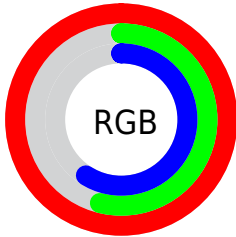
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 138, 150
Decimal	16681622
CIE <sub>Lab</sub>	70.49, 45.03, 13.53
CIE <sub>LCh</sub>	70, 47.014, 16.722
Yxy	41.4519, 0.4239, 0.3168
Android (android.graphics.Color)	4294871702 (0xFFFE8A96)
YUV	174.0520, -11.8576, 70.1144
Hunter-Lab	64.3815, 41.1153, 13.8191

# Details

The HunterLab color **64.3815, 41.1153, 13.8191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90.9388, -37.5395, 0.6068**, and the grayscale version is **65.1107, -3.4741, 3.5376**.

A 20% lighter version of the original color is **79.8496, 19.4477, 7.1256**, and **43.4364, 38.0188, 11.3181** is the 20% darker color. If you saturate the color by 10%, you get **58.5934, 51.5494, 16.6113**, and if you desaturate by 10%, it is **71.0060, 30.5028, 11.3711**.

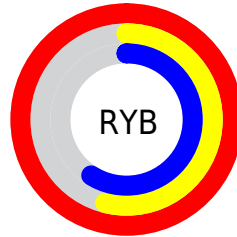
# Distribution



Red (100%)

Green (54%)

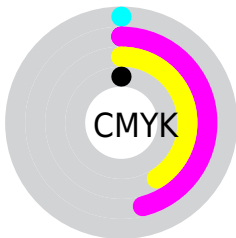
Blue (59%)



Red (100%)

Yellow (54%)

Blue (59%)

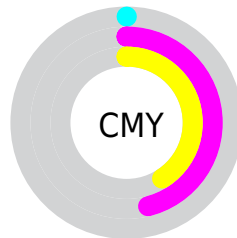


Cyan (0%)

Magenta (46%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3815, 41.1153, 13.8191 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 64.3815, 41.1153, 13.8191 by changing the saturation by 10% instead.





 64.3815, 41.1153,  
13.8191


 64.3815, 41.1153,  
13.8191


187.6714, 49.9248,  
25.6651

 53.5466, 39.6739,  
12.4978


 87.9599, 43.6667,  
16.4365

 43.3971, 38.1209,  
11.1552


 100.6361, 44.7985,  
17.7403

 33.9849, 36.4498,  
9.7802


 113.8687, 45.8422,  
19.0457

 25.3730, 34.6698,  
8.3530

127.6353, 46.8035,  
20.3553

 17.6440, 32.8265,  
6.8409

141.9159, 47.6880,  
21.6707

 10.9136, 31.0932,  
5.9070

156.6926, 48.5002,

 2.3323, 87.0118,

22.9934

1.6326

171.9494, 49.2446,  
24.3246

0.0000, INF, NaN

0.0000, NaN, NaN

■ 64.3815, 41.1153,  
13.8191

■ 64.3815, 41.1153,  
13.8191

■ 58.5934, 51.5494,  
16.6113

■ 71.0060, 30.5028,  
11.3711

■ 53.7862, 61.2549,  
19.6447

■ 78.3250, 20.0467,  
9.2856

■ 50.0994, 69.4366,  
22.7149

■ 86.2251, 9.8937,  
7.5432

■ 47.6153, 75.2596,  
25.5215


■ 94.6132, 0.0900,  
6.1051

■ 46.3017, 78.2405,

99.9054, -5.6651,

27.7497

5.3160

 45.9854, 78.9162,  
28.4375

# Harmonies

## Analogous

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



64.3831, 41.9202, -6.1943



64.3815, 41.1153, 13.8191



64.3831, 27.4114, 26.0581

# Triad

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



64.3831, 41.1115, 13.8203



64.3831, -30.8471, 25.0493



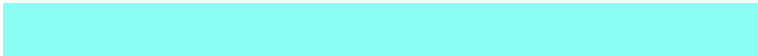
64.3831, -12.6582, -47.6969

# Complementary

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



64.3815, 41.1153, 13.8191



90.9388, -37.5395, 0.6068

# 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.



64.3831, -29.3904, -32.1872



64.3815, 41.1153, 13.8191



64.3831, -38.9246, 11.8957

# Square

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



64.3831, 41.1115, 13.8203



64.3831, -14.9027, 30.9301



64.3831, -38.4290, -8.8632



64.3831, 8.8880, -46.6567



# Rectangle

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



64.3815, 41.1153, 13.8191



64.3831, 13.7205, 30.1674



64.3831, -38.4290, -8.8632



64.3831, -18.9701, -44.0746

# Sweetspot

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



64.3831, 41.1115, 13.8203



87.9812, 8.2752, 7.3167



66.2887, 53.8354, -42.0768



39.8832, 4.8274, 3.5420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.3831, 41.1115, 13.8203



59.2083, 51.1085, 16.4930



75.2032, 16.2336, 27.6650



42.4471, 1.7720, 3.0783



33.4044, 57.3548, 20.4316



10.4693, 18.0670, 5.6955



# Inverse Universe

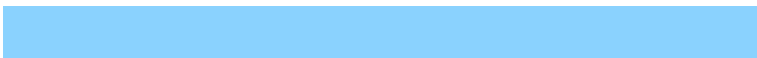
The Inverse Universe completely reimagines the original color for something new.



64.3831, 41.1115, 13.8203



59.2083, 51.1085, 16.4930



76.4356, -13.9522, -25.8777



42.4471, 1.7720, 3.0783



33.4044, 57.3548, 20.4316



10.4693, 18.0670, 5.6955



# Previews

## White Background



This preview shows how the HunterLab color 64.3815, 41.1153, 13.8191 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 64.3815, 41.1153, 13.8191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

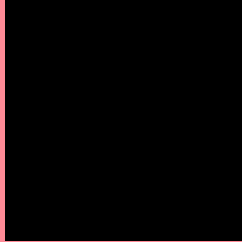
Any Text WCAG AA ✓ Pass

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 64.3815, 41.1153, 13.8191 Background



This preview shows how black text looks on a background with the HunterLab color 64.3815, 41.1153, 13.8191.



This preview shows how white text looks on a background with the HunterLab color 64.3815, 41.1153,



# 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

64.3815, 41.1153, 13.8191

### Protanopia

64.5595, -2.5166, 5.7152

### Deuteranopia

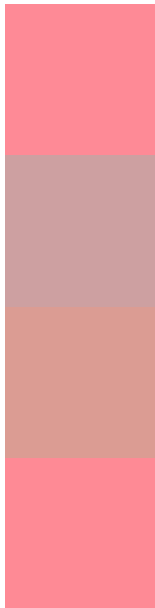
64.3886, 4.5860, 15.0894



## Tritanopia

64.3319, 40.8776, 14.5354

# Trichromacy



## Original Color

64.3815, 41.1153, 13.8191

## Protanomaly

63.7918, 11.9891, 8.1794

## Deuteranomaly

63.9872, 17.3726, 14.1553

## Tritanomaly

64.3566, 40.9960, 14.1787

# Monochromacy



## Original Color

64.3815, 41.1153, 13.8191

## Achromatopsia

65.0590, -3.4714, 3.5348

## Achromatomaly

63.9553, 11.3431, 6.6070

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.3815, 41.1153, 13.8191 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(254, 138, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 150)  
}
```

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(254, 138, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.3815, 41.1153, 13.8191 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(254, 138, 150) }
```



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

```
.border{ border-color:rgb(254, 138, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 138, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
150) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.3815, 41.1153, 13.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 150) }
```

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

```
.background{ background-color: rgb(254,  
138, 150) }
```

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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