

# Converting Colors

HunterLab(47.4569, 14.6869,  
-5.3868)

Have a look what the booklet for  
HunterLab(47.4569, 14.6869,  
-5.3868) contains.

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# Color

**HunterLab(47.5404, 14.5869,  
-5.3919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7794
RGB	158, 119, 148
RGB Percent	62%, 47%, 58%
CMY	0.3804, 0.5333, 0.4196
CMYK	0.00, 0.25, 0.06, 0.38
HSL	315°, 17%, 54%
HSV	315°, 25%, 62%
XYZ	26.0427, 22.6009, 31.0068
YIQ	133.9670, 13.9350, 17.2870

# Conversions

## Conversions Part 2

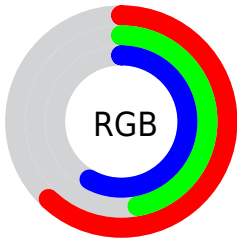
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 119, 148
Decimal	10385300
CIE <sub>Lab</sub>	54.66, 20.19, -9.76
CIE <sub>LCh</sub>	55, 22.420, 334.208
Yxy	22.6019, 0.3270, 0.2838
Android (android.graphics.Color)	4288575380 (0xFF9E7794)
YUV	133.9670, 6.9183, 21.0769
Hunter-Lab	47.5404, 14.5869, -5.3919

# Details

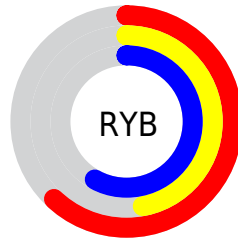
The HunterLab color  $47.5404, 14.5869, -5.3919$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $54.7369, -18.1832, 10.9124$ , and the grayscale version is  $48.7835, -2.6030, 2.6505$ .

A 20% lighter version of the original color is  $69.2210, 15.1572, -4.9415$ , and  $28.8228, 13.2965, -5.2704$  is the 20% darker color. If you saturate the color by 10%, you get  $43.6146, 21.9043, -8.5825$ , and if you desaturate by 10%, it is  $51.7795, 7.3210, -2.0059$ .

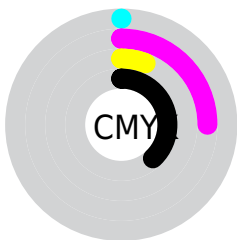
# Distribution



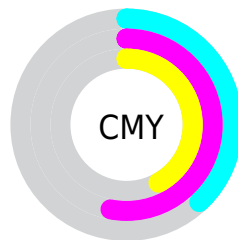
- Red (62%)
- Green (47%)
- Blue (58%)



- Red (62%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5404, 14.5869, -5.3919 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 47.5404, 14.5869, -5.3919 by changing the saturation by 10% instead.



47.5404, 14.5869,  
-5.3919

47.5404, 14.5869,  
-5.3919

162.9950, 16.1897,  
-2.6409

37.8151, 14.0171,  
-5.4296

69.0933, 15.4310,  
-5.1222

28.8609, 13.3326,  
-5.3948

80.8347, 15.7294,  
-4.9034

20.7521, 12.5128,  
-5.2774

93.1748, 15.9556,  
-4.6344

13.5884, 11.5348,  
-5.0681

106.0858, 16.1158,  
-4.3185

7.1825, 12.0636,  
-5.4688

119.5436, 16.2153,  
-3.9588

0.0000, NaN, -NF

0.0000, NaN, NaN

133.5268, 16.2583,

-3.5579

0.0000, NaN, NaN

148.0163, 16.2487,  
-3.1179

0.0000, NaN, NaN

■ 47.5404, 14.5869,  
-5.3919

■ 47.5404, 14.5869,  
-5.3919

■ 43.6146, 21.9043,  
-8.5825

■ 51.7795, 7.3210,  
-2.0059

■ 40.0519, 29.1503,  
-11.4797

■ 56.2841, 0.1759,  
1.5041

■ 36.9134, 36.1063,  
-13.9422

■ 61.0183, -6.8246,  
5.0945

■ 34.2620, 42.4474,  
-15.7935

■ 65.9520, -13.6777,  
8.7373

■ 32.1539, 47.7588,  
-16.8445

■ 71.0606, -20.3924,  
12.4151

■ 30.6240, 51.6180,  
-16.9464

■ 76.3242, -26.9829,  
16.1176

■ 29.6630, 53.7603,  
-16.0689

■ 81.7263, -33.4656,  
19.8388

■ 29.2660, 54.5464,  
-15.4102

■ 87.2532, -39.8564,  
23.5753

■ 90.7025, -43.4823,  
25.3192

# Harmonies

## Analogous

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



47.5415, 7.8952, -13.6663



47.5404, 14.5869, -5.3919



47.5415, 16.5614, 3.8146

# Triad

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



47.5415, 14.5854, -5.3909



47.5415, -3.8393, 16.5749



47.5415, -16.3916, -7.9582

# Complementary

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



47.5404, 14.5869, -5.3919



54.7369, -18.1832, 10.9124

# 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.



47.5415, -19.0315, 1.3275



47.5404, 14.5869, -5.3919



47.5415, -12.1448, 14.5765

# Square

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



47.5415, 14.5854, -5.3909



47.5415, 5.4619, 15.4561



47.5415, -17.5379, 9.3858



47.5415, -10.0439, -15.3365



# Rectangle

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



47.5404, 14.5869, -5.3919



47.5415, 14.8221, 9.0249



47.5415, -17.5379, 9.3858



47.5415, -17.7191, -4.8980

# Sweetspot

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



47.5415, 14.5854, -5.3909



74.3266, 2.5836, 0.8537



45.0678, 7.4142, -14.6561



35.1329, 1.4740, 0.2826



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



47.5415, 14.5854, -5.3909



60.8864, 25.4783, -9.8433



46.9491, 11.5356, 3.0122



25.9336, 1.6369, -0.0529



26.2034, 48.8598, -13.9636



3.5936, 6.8510, -3.0800



# Inverse Universe

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



47.5415, 14.5854, -5.3909



60.8864, 25.4783, -9.8433



55.2470, -15.2608, 3.5963



25.9336, 1.6369, -0.0529



26.2034, 48.8598, -13.9636

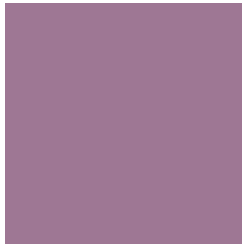


3.5936, 6.8510, -3.0800



# Previews

## White Background



This preview shows how the HunterLab color 47.5404, 14.5869, -5.3919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

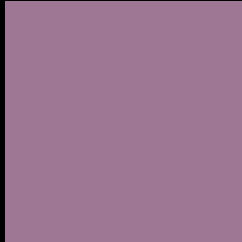
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.5404, 14.5869, -5.3919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

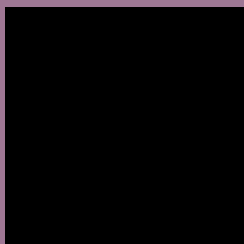
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 47.5404, 14.5869, -5.3919 Background



This preview shows how black text looks on a background with the HunterLab color 47.5404, 14.5869, -5.3919.



This preview shows how white text looks on a background with the HunterLab color 47.5404, 14.5869, -5.3919.

-5.3919.

# 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

47.5404, 14.5869, -5.3919

### Protanopia

47.7152, 0.6816, -9.1190

### Deuteranopia

47.7829, 3.1367, -4.2446



## Tritanopia

47.5665, 9.6988, 2.7150

# Trichromacy



## Original Color

47.5404, 14.5869, -5.3919

## Protanomaly

47.5310, 5.4851, -7.6704

## Deuteranomaly

47.7426, 7.2178, -4.7351

## Tritanomaly

47.5910, 11.4489, 0.0409

# Monochromacy



## Original Color

47.5404, 14.5869, -5.3919

## Achromatopsia

48.8260, -2.6052, 2.6528

## Achromatomaly

48.3779, 3.2942, -0.0677

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.5404, 14.5869, -5.3919 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(158, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 148)  
}
```

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(158, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 148) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.5404, 14.5869, -5.3919 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(158, 119, 148) }
```



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

```
.border{ border-color:rgb(158, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
148) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.5404, 14.5869, -5.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 119, 148) }
```

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

```
.background{ background-color: rgb(158,  
119, 148) }
```

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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