

# Converting Colors

HunterLab(50.0341, 15.2164,  
2.9329)

Have a look what the booklet for  
HunterLab(50.0341, 15.2164,  
2.9329) contains.

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# Color

**HunterLab(49.9921, 15.1185,  
3.0009)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AC7C89
RGB	172, 124, 137
RGB Percent	67%, 49%, 54%
CMY	0.3255, 0.5137, 0.4627
CMYK	0.00, 0.28, 0.20, 0.33
HSL	344°, 22%, 58%
HSV	344°, 28%, 67%
XYZ	28.7363, 24.9921, 26.9763
YIQ	139.8340, 24.4350, 14.2190

# Conversions

## Conversions Part 2

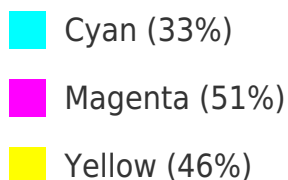
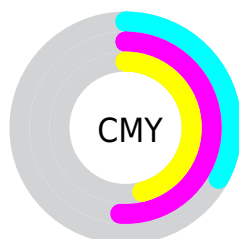
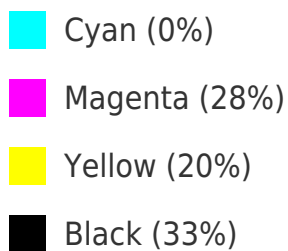
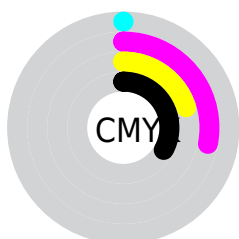
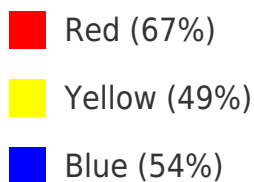
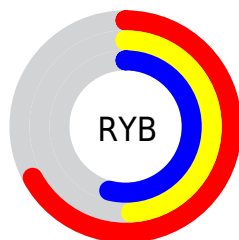
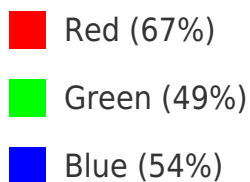
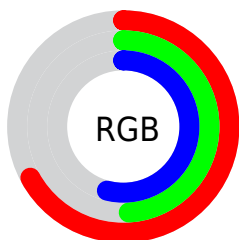
Format	Color
<a href="#">RYB</a>	<a href="#">172, 124, 137</a>
Decimal	<a href="#">11304073</a>
CIELab	<a href="#">57.07, 20.63, 0.37</a>
CIELCh	<a href="#">57, 20.638, 1.017</a>
Yxy	<a href="#">24.9933, 0.3561, 0.3097</a>
Android (android.graphics.Color)	<a href="#">4289494153</a> (0xFFAC7C89)
YUV	<a href="#">139.8340, -1.3972, 28.2096</a>
Hunter-Lab	<a href="#">49.9921, 15.1185, 3.0009</a>

# Details

The HunterLab color **49.9921, 15.1185, 3.0009** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60.2445, -18.5437, 4.5148**, and the grayscale version is **51.1437, -2.7289, 2.7787**.

A 20% lighter version of the original color is **71.8721, 15.8159, 4.3771**, and **31.0519, 13.7444, 2.1581** is the 20% darker color. If you saturate the color by 10%, you get **45.5106, 22.0102, 3.3880**, and if you desaturate by 10%, it is **54.8344, 8.3275, 2.9438**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9921, 15.1185, 3.0009 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 49.9921, 15.1185, 3.0009 by changing the saturation by 10% instead.





 49.9921, 15.1185,  
3.0009


 49.9921, 15.1185,  
3.0009


166.6746, 16.7403,  
9.4924


 40.0899, 14.5521,  
2.4427


 71.8653, 15.9604,  
4.2287

 30.9437, 13.8746,  
1.9232


 83.7537, 16.2599,  
4.8925

 22.6234, 13.0658,  
1.4464

 96.2338, 16.4881,  
5.5876

 15.2209, 12.1039,  
1.0166

109.2786, 16.6511,  
6.3129

 8.8463, 11.0773,  
0.6531

122.8648, 16.7538,  
7.0670

0.0000, INF, NaN

0.0000, NaN, NaN


136.9716, 16.8006,


7.8489


0.0000, NaN, NaN


151.5805, 16.7950,  
8.6576


0.0000, NaN, NaN

 49.9921, 15.1185,  
3.0009


 49.9921, 15.1185,  
3.0009


 45.5106, 22.0102,  
3.3880


 54.8344, 8.3275,  
2.9438


 41.4541, 28.8874,  
4.1599


 59.9786, 1.6952,  
3.1586


 37.9023, 35.5224,  
5.3650


 65.3812, -4.7674,  
3.5984


 34.9398, 41.5557,  
7.0178


 71.0066, -11.0678,  
4.2239


 32.6428, 46.5121,  
9.0687

 76.8263, -17.2227,  
5.0032


 31.0562, 49.9166,  
11.3796


 82.8174, -23.2518,  
5.9110

 30.1204, 51.6565,  
13.7003

 88.9613, -29.1749,  
6.9273

 29.9542, 51.9712,  
14.1329

 92.9651, -31.9139,  
5.4608

 93.3732, -29.5653,  
-0.3499

# Harmonies

## Analogous

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



49.9933, 12.7670, -5.5905



49.9921, 15.1185, 3.0009



49.9933, 12.4367, 10.2237

# Triad

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



49.9933, 15.1166, 3.0018



49.9933, -10.9749, 14.4953



49.9933, -10.4956, -13.2364

# Complementary

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



49.9921, 15.1185, 3.0009



60.2445, -18.5437, 4.5148

# 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.



49.9933, -16.1722, -6.1609



49.9921, 15.1185, 3.0009



49.9933, -16.4353, 9.8129

# Square

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



49.9933, 15.1166, 3.0018



49.9933, -2.9657, 16.1241



49.9933, -18.2726, 2.4391



49.9933, -2.3740, -15.8764



# Rectangle

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



49.9921, 15.1185, 3.0009



49.9933, 8.2573, 13.5471



49.9933, -18.2726, 2.4391



49.9933, -12.7329, -11.2445

# Sweetspot

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



49.9933, 15.1166, 3.0018



80.6155, 2.4938, 4.2436



49.7040, 16.5696, -15.6399



37.0961, 1.7686, 1.9494



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



49.9933, 15.1166, 3.0018



63.8378, 25.6312, 4.2797



52.3335, 8.1236, 10.7848



28.3719, 1.2532, 1.4913



25.8555, 44.8906, 11.9619



4.4180, 7.8742, 0.4653



# Inverse Universe

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



49.9933, 15.1166, 3.0018



63.8378, 25.6312, 4.2797



57.4146, -11.5299, -5.1280



28.3719, 1.2532, 1.4913



25.8555, 44.8906, 11.9619



4.4180, 7.8742, 0.4653



# Previews

## White Background



This preview shows how the HunterLab color 49.9921, 15.1185, 3.0009 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

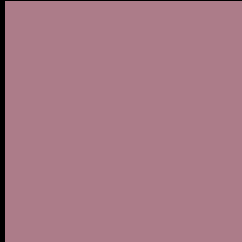
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 49.9921, 15.1185, 3.0009 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

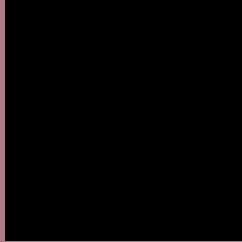
Any Text WCAG AA ✓ Pass

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 49.9921, 15.1185, 3.0009 Background



This preview shows how black text looks on a background with the HunterLab color 49.9921, 15.1185, 3.0009.



This preview shows how white text looks on a background with the HunterLab color 49.9921, 15.1185,



# 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

49.9921, 15.1185, 3.0009

### Protanopia

50.0252, -0.7675, -0.4604

### Deuteranopia

50.1035, 3.2484, 3.8061



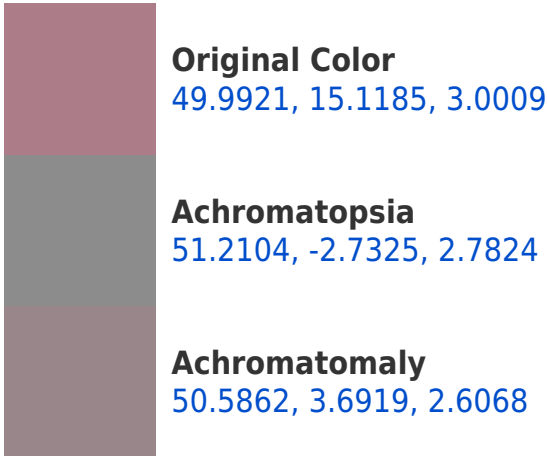
## Tritanopia

49.9071, 14.6827, 4.2150

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.9921, 15.1185, 3.0009 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(172, 124, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 124, 137)  
}
```

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(172, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 124, 137) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.9921, 15.1185, 3.0009 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(172, 124, 137) }
```



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

```
.border{ border-color:rgb(172, 124, 137) }
```

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

Here you see how a box with a 4 pixel rgb(172, 124, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 124,  
137) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.9921, 15.1185, 3.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 124, 137) }
```

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

```
.background{ background-color: rgb(172,  
124, 137) }
```

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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