

# Converting Colors

HunterLab(67.2055, 9.3933,  
-7.8686)

Have a look what the booklet for  
HunterLab(67.2055, 9.3933, -7.8686)  
contains.

<b>HunterLab(67.0762, 9.6314, -7.8902)</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(67.0762, 9.6314,  
-7.8902)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3ABCA
RGB	195, 171, 202
RGB Percent	76%, 67%, 79%
CMY	0.2353, 0.3294, 0.2078
CMYK	0.03, 0.15, 0.00, 0.21
HSL	286°, 23%, 73%
HSV	286°, 15%, 79%
XYZ	47.7292, 44.9922, 62.0458
YIQ	181.7100, 4.3530, 14.7290

# Conversions

## Conversions Part 2

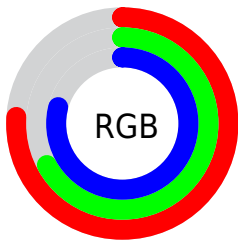
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 171, 202
Decimal	12823498
CIELab	72.89, 14.29, -12.56
CIELCh	73, 19.022, 318.689
Yxy	44.9941, 0.3084, 0.2907
Android (android.graphics.Color)	4291013578 (0xFFC3ABCA)
YUV	181.7100, 10.0030, 11.6553
Hunter-Lab	67.0762, 9.6314, -7.8902

# Details

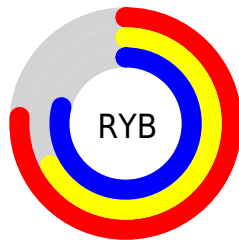
The HunterLab color  $67.0762, 9.6314, -7.8902$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $73.9239, -16.2820, 14.3636$ , and the grayscale version is  $68.2328, -3.6407, 3.7072$ .

A 20% lighter version of the original color is  $90.7238, 9.2413, -5.7628$ , and  $45.8197, 9.1307, -7.8597$  is the 20% darker color. If you saturate the color by 10%, you get  $61.1052, 18.7974, -16.2360$ , and if you desaturate by 10%, it is  $73.3720, 0.6330, 0.0692$ .

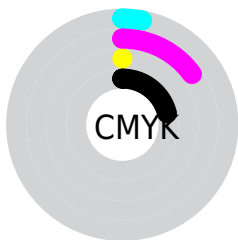
# Distribution



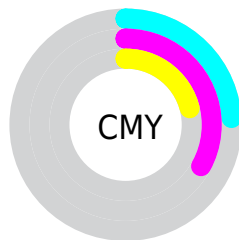
- Red (76%)
- Green (67%)
- Blue (79%)



- Red (76%)
- Yellow (67%)
- Blue (79%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (33%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.0762, 9.6314, -7.8902 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 67.0762, 9.6314, -7.8902 by changing the saturation by 10% instead.



■ 67.0762, 9.6314,  
-7.8902

■ 67.0762, 9.6314,  
-7.8902

191.5071, 8.1698,  
-5.2990

■ 56.0828, 9.5098,  
-7.9291

■ 90.9459, 9.6673,  
-7.6360

■ 45.7645, 9.3119,  
-7.9050

103.7576, 9.5969,  
-7.4317

■ 36.1704, 9.0252,  
-7.8105

117.1202, 9.4732,  
-7.1800

■ 27.3600, 8.6354,  
-7.6390

131.0117, 9.3001,  
-6.8838

■ 19.4105, 8.1227,  
-7.3847

145.4128, 9.0806,  
-6.5455

■ 12.4277, 7.4591,  
-7.0500

160.3060, 8.8175,

■ 5.6544, 10.7088,

-6.1674

-9.1533

175.6755, 8.5132,  
-5.7513

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.0762, 9.6314,  
-7.8902

■ 67.0762, 9.6314,  
-7.8902

■ 61.1052, 18.7974,  
-16.2360

■ 73.3720, 0.6330,  
0.0692

■ 55.5110, 28.0840,  
-24.9845

■ 79.9432, -8.1818,  
7.6756

■ 50.3644, 37.3646,  
-34.0921

■ 86.7553, -16.8243,  
14.9759

■ 45.7488, 46.3949,  
-43.4146

■ 93.7794, -25.3133,  
22.0158

■ 41.7585, 54.7625,

■ 95.2157, -25.5061,

-52.6469

23.4304

■ 38.4880, 61.8703,  
-61.2792

■ 95.5890, -24.1306,  
23.8203

■ 36.0096, 67.0245,  
-68.6407

■ 95.9709, -22.7289,  
24.2182

■ 34.3355, 69.6918,  
-74.1113

■ 96.3616, -21.3015,  
24.6238

■ 33.7206, 70.3931,  
-76.2376

■ 96.7609, -19.8488,  
25.0372

# Harmonies

## Analogous

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



67.0776, 1.9355, -13.4887



67.0762, 9.6314, -7.8902



67.0776, 13.8603, 0.4112

# Triad

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



67.0776, 9.6297, -7.8889



67.0776, -0.2258, 17.6158



67.0776, -18.8956, -1.7237

# Complementary

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



67.0762, 9.6314, -7.8902



73.9239, -16.2820, 14.3636

# 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.



67.0776, -19.4074, 6.7373



67.0762, 9.6314, -7.8902



67.0776, -8.9281, 17.1996

# Square

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



67.0776, 9.6297, -7.8889



67.0776, 7.9774, 14.6685



67.0776, -15.8455, 13.4471



67.0776, -14.4094, -9.6244



# Rectangle

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



67.0762, 9.6314, -7.8902



67.0776, 14.0084, 6.0417



67.0776, -15.8455, 13.4471



67.0776, -19.5292, 1.1693

# Sweetspot

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



67.0776, 9.6297, -7.8889



95.7033, 0.5035, 0.3694



66.9760, -1.4776, -8.2208



44.0007, 0.6149, -0.1626

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.0776, 9.6297, -7.8889



84.9805, 15.9701, -13.3626



67.5036, 10.4586, -2.9134



33.5724, 2.0209, -1.4772



27.1258, 56.5693, -60.8859



6.4170, 13.1953, -12.9535



# Inverse Universe

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



67.0065, 7.8295, 4.1553



84.8817, 13.1984, 5.4982



73.5973, -17.0337, 10.5794



33.5477, 1.4928, 1.9396



28.6641, 49.5635, 14.8365

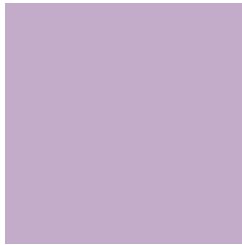


6.6013, 11.5916, 2.0428



# Previews

## White Background



This preview shows how the HunterLab color 67.0762, 9.6314, -7.8902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

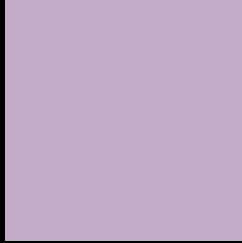
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.0762, 9.6314, -7.8902 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

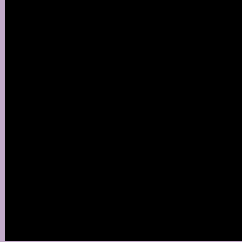
Any Text WCAG AA ✓ Pass

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 67.0762, 9.6314, -7.8902 Background



This preview shows how black text looks on a background with the HunterLab color 67.0762, 9.6314, -7.8902.



This preview shows how white text looks on a background with the HunterLab color 67.0762, 9.6314, -7.8902.

-7.8902.

# 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

67.0762, 9.6314, -7.8902

### Protanopia

67.3021, 0.2891, -9.9648

### Deuteranopia

67.0285, 5.0093, -7.4883



## Tritanopia

67.2290, 4.7442, 0.0474

# Trichromacy



## Original Color

67.0762, 9.6314, -7.8902

## Protanomaly

67.0916, 4.0191, -9.6295

## Deuteranomaly

67.0246, 6.4724, -7.4680

## Tritanomaly

67.2029, 6.4529, -2.4742

# Monochromacy



## Original Color

67.0762, 9.6314, -7.8902

## Achromatopsia

68.3947, -3.6494, 3.7160

## Achromatomaly

67.8820, 1.1124, -0.2023

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.0762, 9.6314, -7.8902 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(195, 171, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 202)  
}
```

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(195, 171, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 202) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.0762, 9.6314, -7.8902 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(195, 171, 202) }
```



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

```
.border{ border-color:rgb(195, 171, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 171, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 171, 202); box-shadow:4px 4px 4px 4px rgb(195, 171, 202) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.0762, 9.6314, -7.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 202) }
```

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

```
.background{ background-color: rgb(195,  
171, 202) }
```

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