

# Converting Colors

HunterLab(67.6151, 14.6031,  
-12.1208)

Have a look what the booklet for  
HunterLab(67.6151, 14.6031,  
-12.1208) contains.

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# Color

**HunterLab(67.5542, 14.6970,  
-12.2050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAA9D3
RGB	202, 169, 211
RGB Percent	79%, 66%, 83%
CMY	0.2078, 0.3372, 0.1725
CMYK	0.04, 0.20, 0.00, 0.17
HSL	287°, 32%, 75%
HSV	287°, 20%, 83%
XYZ	50.3030, 45.6357, 67.7854
YIQ	183.6550, 6.1860, 20.0580

# Conversions

## Conversions Part 2

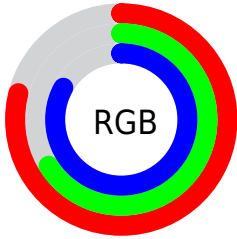
Format	Color
R <sub>Y</sub> B	202, 169, 211
Decimal	13281747
CIE Lab	73.31, 19.49, -16.79
CIE LCh	73, 25.726, 319.250
Yxy	45.6377, 0.3072, 0.2787
Android (android.graphics.Color)	4291471827 (0xFFCAA9D3)
YUV	183.6550, 13.4811, 16.0886
Hunter-Lab	67.5542, 14.6970, -12.2050

# Details

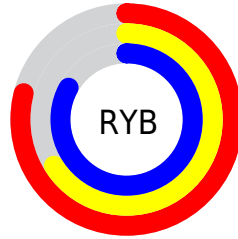
The HunterLab color  $67.5542, 14.6970, -12.2050$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $76.7589, -20.8049, 17.9389$ , and the grayscale version is  $69.0330, -3.6834, 3.7507$ .

A 20% lighter version of the original color is  $90.4385, 11.3648, -6.0965$ , and  $46.2804, 13.7923, -11.5346$  is the 20% darker color. If you saturate the color by 10%, you get  $61.4722, 24.5004, -21.1332$ , and if you desaturate by 10%, it is  $74.0083, 5.0527, -3.6804$ .

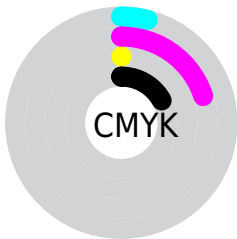
# Distribution



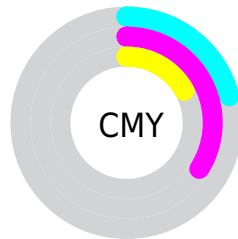
- Red (79%)
- Green (66%)
- Blue (83%)



- Red (79%)
- Yellow (66%)
- Blue (83%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (34%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5542, 14.6970, -12.2050 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 67.5542, 14.6970, -12.2050 by changing the saturation by 10% instead.



67.5542, 14.6970,  
-12.2050

67.5542, 14.6970,  
-12.2050

192.1848, 15.0277,  
-10.8742

56.5332, 14.3374,  
-12.0873

91.4748, 15.1799,  
-12.2542

46.1854, 13.8902,  
-11.9045

104.3103, 15.3205,  
-12.1964

36.5597, 13.3418,  
-11.6513

117.6956, 15.4006,  
-12.0878

27.7149, 12.6765,  
-11.3254

131.6090, 15.4246,  
-11.9312

19.7271, 11.8743,  
-10.9314

146.0311, 15.3963,  
-11.7294

12.7008, 10.9113,  
-10.4996

160.9447, 15.3189,

6.0532, 13.7060,

-11.4846

-12.5120

176.3340, 15.1952,  
-11.1989

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.5542, 14.6970,  
-12.2050

■ 67.5542, 14.6970,  
-12.2050

■ 61.4722, 24.5004,  
-21.1332

■ 74.0083, 5.0527,  
-3.6804

■ 55.8243, 34.3782,  
-30.4544

■ 80.7769, -4.3968,  
4.4620

■ 50.6926, 44.1385,  
-40.0717

■ 87.8187, -13.6541,  
12.2663

■ 46.1714, 53.4378,  
-49.7532

■ 95.0995, -22.7353,  
19.7793

■ 42.3616, 61.7395,

■ 96.0042, -22.1499,

-59.0729

20.7090

■ 39.3537, 68.3429,  
-67.4035

■ 96.3861, -20.7568,  
21.1195

■ 37.1967, 72.5610,  
-74.0430

■ 96.7765, -19.3386,  
21.5379

■ 35.7717, 74.3759,  
-78.8025

■ 97.1754, -17.8958,  
21.9639

■ 35.7590, 74.3904,  
-78.8465

■ 97.5827, -16.4290,  
22.3975

# Harmonies

## Analogous

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



67.5556, 4.1356, -20.3850



67.5542, 14.6970, -12.2050



67.5556, 20.4811, -0.5282

# Triad

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



67.5556, 14.6953, -12.2036



67.5556, 0.7313, 21.8201



67.5556, -23.9616, -3.9335

# Complementary

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



67.5542, 14.6970, -12.2050



76.7589, -20.8049, 17.9389

# 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.



67.5556, -24.7333, 7.6286



67.5542, 14.6970, -12.2050



67.5556, -11.0182, 21.2297

# Square

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



67.5556, 14.6953, -12.2036



67.5556, 12.0547, 18.2290



67.5556, -20.1492, 16.4460



67.5556, -17.9625, -15.0662



# Rectangle

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



67.5542, 14.6970, -12.2050



67.5556, 20.5998, 7.0973



67.5556, -20.1492, 16.4460



67.5556, -24.8245, 0.0684

# Sweetspot

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



67.5556, 14.6953, -12.2036



94.8721, 1.7377, -0.6346



67.0976, -0.2018, -13.1159



43.6376, 1.1627, -0.6038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.5556, 14.6953, -12.2036



80.3564, 23.4807, -19.8788



68.0845, 15.5410, -4.8822



34.4614, 2.1210, -1.5132



27.8619, 57.9012, -60.9636



6.8315, 14.0221, -13.5934



# Inverse Universe

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



67.4101, 12.0197, 4.7005



80.1595, 19.4709, 6.1126



76.3917, -21.5539, 12.8057



34.4225, 1.5254, 2.0371



29.1300, 50.3246, 15.4230

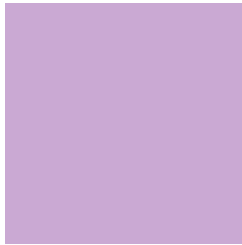


6.9748, 12.2192, 2.3775



# Previews

## White Background



This preview shows how the HunterLab color 67.5542, 14.6970, -12.2050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

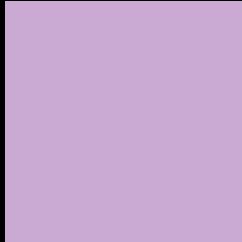
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.5542, 14.6970, -12.2050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

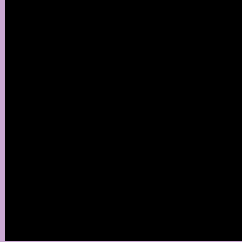
Any Text WCAG AA ✓ Pass

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 67.5542, 14.6970, -12.2050 Background



This preview shows how black text looks on a background with the HunterLab color 67.5542, 14.6970, -12.2050.



This preview shows how white text looks on a background with the HunterLab color 67.5542, 14.6970, -12.2050.

-12.2050.

# 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

67.5542, 14.6970, -12.2050

### Protanopia

67.8385, 1.4196, -15.5469

### Deuteranopia

67.7452, 5.0882, -11.5294



## Tritanopia

67.4394, 6.9160, 0.3444

# Trichromacy



## Original Color

67.5542, 14.6970, -12.2050

## Protanomaly

67.5526, 6.3032, -14.6905

## Deuteranomaly

67.5401, 8.8274, -11.7524

## Tritanomaly

67.5520, 9.3319, -4.0486

# Monochromacy



## Original Color

67.5542, 14.6970, -12.2050

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

68.7107, 2.7477, -1.6538

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.5542, 14.6970, -12.2050 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(202, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 211)  
}
```

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(202, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 211) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.5542, 14.6970, -12.2050 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(202, 169, 211) }
```



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

```
.border{ border-color:rgb(202, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
211) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.5542, 14.6970, -12.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 211) }
```

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

```
.background{ background-color: rgb(202,  
169, 211) }
```

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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