

# Converting Colors

HunterLab(78.5985, 9.2673,  
-12.7254)

Have a look what the booklet for  
HunterLab(78.5985, 9.2673,  
-12.7254) contains.

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# Color

**HunterLab(78.7301, 9.4044,  
-12.8197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC7EF
RGB	218, 199, 239
RGB Percent	85%, 78%, 94%
CMY	0.1451, 0.2196, 0.0627
CMYK	0.09, 0.17, 0.00, 0.06
HSL	268°, 56%, 86%
HSV	268°, 17%, 94%
XYZ	64.9169, 61.9843, 90.2040
YIQ	209.2410, -1.5160, 16.4680

# Conversions

## Conversions Part 2

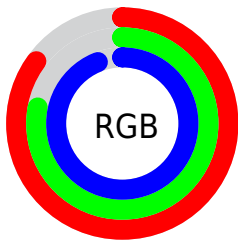
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 199, 239
Decimal	14338031
CIE Lab	82.91, 14.01, -17.31
CIE LCh	83, 22.271, 308.986
Yxy	61.9869, 0.2990, 0.2855
Android (android.graphics.Color)	4292528111 (0xFFDAC7EF)
YUV	209.2410, 14.6712, 7.6816
Hunter-Lab	78.7301, 9.4044, -12.8197

# Details

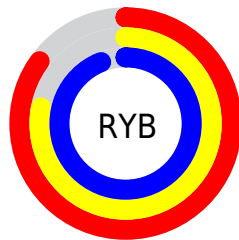
The HunterLab color  $78.7301, 9.4044, -12.8197$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $90.0410, -17.4283, 19.5963$ , and the grayscale version is  $79.8942, -4.2630, 4.3408$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $56.0858, 9.3488, -12.6356$  is the 20% darker color. If you saturate the color by 10%, you get  $70.6941, 18.2708, -24.6076$ , and if you desaturate by 10%, it is  $87.1039, 0.7568, -1.8998$ .

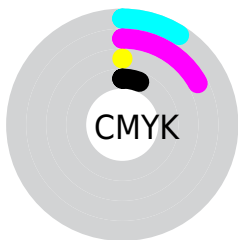
# Distribution



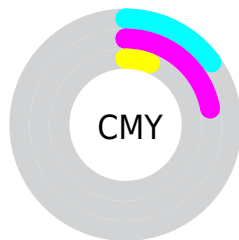
- Red (85%)
- Green (78%)
- Blue (94%)



- Red (85%)
- Yellow (78%)
- Blue (94%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (22%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.7301, 9.4044, -12.8197 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 78.7301, 9.4044, -12.8197 by changing the saturation by 10% instead.



■ 78.7301, 9.4044,  
-12.8197

■ 78.7301, 9.4044,  
-12.8197

207.8180, 7.4166,  
-11.2374

■ 67.0985, 9.3650,  
-12.7432

103.7818, 9.2958,  
-12.7965

■ 56.1024, 9.2583,  
-12.6059

117.1453, 9.1610,  
-12.7071

■ 45.7829, 9.0743,  
-12.4021

131.0378, 8.9770,  
-12.5693

■ 36.1874, 8.8023,  
-12.1279

145.4398, 8.7471,  
-12.3857

■ 27.3755, 8.4282,  
-11.7822

160.3339, 8.4739,  
-12.1587

■ 19.4243, 7.9321,  
-11.3720

175.7043, 8.1597,

■ 12.4396, 7.2862,

-11.8905

-10.9343

191.5367, 7.8067,  
-11.5828

■ 5.6724, 10.4605,  
-13.7146

0.0000, NaN, -NF

■ 78.7301, 9.4044,  
-12.8197

■ 78.7301, 9.4044,  
-12.8197

■ 70.6941, 18.2708,  
-24.6076

■ 87.1039, 0.7568,  
-1.8998

■ 63.0526, 27.3790,  
-37.4572

■ 95.7636, -7.7000,  
8.3148

■ 55.8890, 36.7010,  
-51.5506

■ 99.5048, -8.0554,  
12.5148

■ 49.3123, 46.1097,  
-66.9922

■ 43.4643, 55.2749,  
-83.6461

■ 38.5178, 63.5254,  
-100.8553

■ 34.6526, 69.7837,  
-117.1484

■ 31.9784, 72.8902,  
-130.4262

■ 31.2686, 73.4786,  
-134.2901

# Harmonies

## Analogous

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



78.7318, -0.9087, -18.0304



78.7301, 9.4044, -12.8197



78.7318, 16.3051, -3.1952

# Triad

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



78.7318, 9.4027, -12.8181



78.7318, 3.4433, 20.7009



78.7318, -23.8337, 1.1113

# Complementary

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



78.7301, 9.4044, -12.8197



90.0410, -17.4283, 19.5963

# 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.



78.7318, -22.8094, 11.0975



78.7301, 9.4044, -12.8197



78.7318, -7.4483, 21.5269

# Square

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



78.7318, 9.4027, -12.8181



78.7318, 12.7366, 15.8128



78.7318, -16.9473, 18.2465



78.7318, -19.8254, -9.3005



# Rectangle

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



78.7301, 9.4044, -12.8197



78.7318, 17.8379, 3.9323



78.7318, -16.9473, 18.2465



78.7318, -24.0617, 4.6372

# Sweetspot

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



78.7318, 9.4027, -12.8181



95.3339, -0.7620, -0.1074



83.5093, -7.5973, -6.6537



43.8052, -0.0534, -0.4165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.7318, 9.4027, -12.8181



81.8146, 13.2758, -17.9148



80.7471, 15.9844, -9.9262



39.4929, 1.4478, -2.2444



23.4095, 54.8007, -98.9128



7.1744, 16.2796, -26.3195



# Inverse Universe

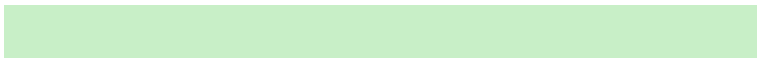
The Inverse Universe completely reimagines the original color for something new.



80.2294, 12.9820, -0.3761



83.7870, 17.8933, -1.4381



88.4214, -23.3455, 17.8430



39.8717, 2.3893, 0.8679



33.1555, 59.3489, 1.5088



9.6675, 17.4969, -1.0474



# Previews

## White Background



This preview shows how the HunterLab color 78.7301, 9.4044, -12.8197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

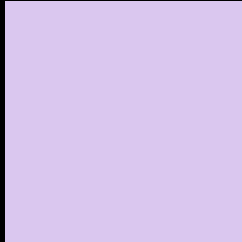
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.7301, 9.4044, -12.8197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

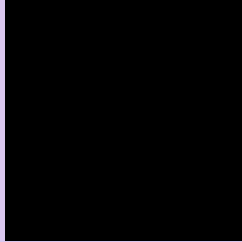
Any Text WCAG AA ✓ Pass

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 78.7301, 9.4044, -12.8197 Background



This preview shows how black text looks on a background with the HunterLab color 78.7301, 9.4044, -12.8197.



This preview shows how white text looks on a background with the HunterLab color 78.7301, 9.4044, -12.8197.

-12.8197.

# 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

78.7301, 9.4044, -12.8197

### Protanopia

78.9150, 1.1478, -15.0598

### Deuteranopia

78.6474, 6.1036, -12.9931



## Tritanopia

78.9135, 2.5200, -1.6822

# Trichromacy



## Original Color

78.7301, 9.4044, -12.8197

## Protanomaly

78.8952, 4.1009, -14.4430

## Deuteranomaly

78.6363, 7.5853, -12.9827

## Tritanomaly

78.9500, 4.6532, -5.3042

# Monochromacy



## Original Color

78.7301, 9.4044, -12.8197

## Achromatopsia

79.8497, -4.2606, 4.3384

## Achromatomaly

79.2635, 0.6888, -1.7941

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.7301, 9.4044, -12.8197 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(218, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 239)  
}
```

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(218, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.7301, 9.4044, -12.8197 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(218, 199, 239) }
```



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

```
.border{ border-color:rgb(218, 199, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.7301, 9.4044, -12.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 239) }
```

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

```
.background{ background-color: rgb(218,  
199, 239) }
```

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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