

# Converting Colors

HunterLab(78.8435, 12.7116,  
-16.3823)

Have a look what the booklet for  
HunterLab(78.8435, 12.7116,  
-16.3823) contains.

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# Color

**HunterLab(78.7748, 12.9929,  
-16.2506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEC5F5
RGB	222, 197, 245
RGB Percent	87%, 77%, 96%
CMY	0.1294, 0.2274, 0.0392
CMYK	0.09, 0.20, 0.00, 0.04
HSL	271°, 71%, 87%
HSV	271°, 20%, 96%
XYZ	66.5719, 62.0547, 94.8552
YIQ	209.9470, -0.5080, 20.2280

# Conversions

## Conversions Part 2

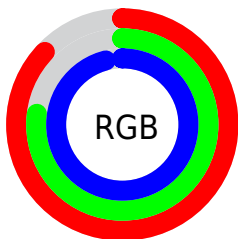
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 197, 245
Decimal	14599669
CIE Lab	82.94, 17.56, -20.42
CIE LCh	83, 26.933, 310.693
Yxy	62.0573, 0.2979, 0.2777
Android (android.graphics.Color)	4292789749 (0xFFDEC5F5)
YUV	209.9470, 17.2811, 10.5705
Hunter-Lab	78.7748, 12.9929, -16.2506

# Details

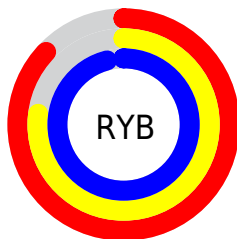
The HunterLab color  $78.7748, 12.9929, -16.2506$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $91.9528, -20.6691, 22.2374$ , and the grayscale version is  $80.1865, -4.2785, 4.3567$ .

A 20% lighter version of the original color is  $99.6813, -4.8054, 5.0668$ , and  $56.1556, 12.8034, -16.0044$  is the 20% darker color. If you saturate the color by 10%, you get  $70.7321, 22.5460, -28.4330$ , and if you desaturate by 10%, it is  $87.1903, 3.6602, -4.9535$ .

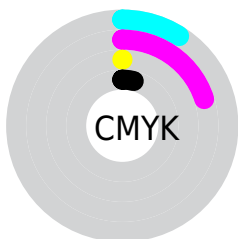
# Distribution



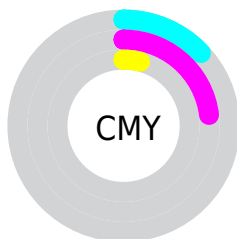
- Red (87%)
- Green (77%)
- Blue (96%)



- Red (87%)
- Yellow (77%)
- Blue (96%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.7748, 12.9929, -16.2506 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 78.7748, 12.9929, -16.2506 by changing the saturation by 10% instead.



78.7748, 12.9929,  
-16.2506

78.7748, 12.9929,  
-16.2506

207.8798, 12.2067,  
-15.5377

67.1409, 12.7949,  
-16.0696

103.8308, 13.1828,  
-16.4328

56.1424, 12.5224,  
-15.8276

117.1964, 13.1891,  
-16.4436

45.8202, 12.1644,  
-15.5203

131.0908, 13.1417,  
-16.4043

36.2219, 11.7091,  
-15.1470

145.4947, 13.0440,  
-16.3173

27.4070, 11.1411,  
-14.7125

160.3905, 12.8992,  
-16.1851

19.4523, 10.4400,  
-14.2373

175.7627, 12.7098,

12.4637, 9.5795,

-16.0099

-13.7931

191.5968, 12.4783,  
-15.7935

5.7088, 13.0990,  
-17.1473

0.0000, NaN, -NF

78.7748, 12.9929,  
-16.2506

78.7748, 12.9929,  
-16.2506

70.7321, 22.5460,  
-28.4330

87.1903, 3.6602,  
-4.9535

63.1274, 32.3180,  
-41.6712

95.9201, -5.4692,  
5.6123

56.0548, 42.2320,  
-56.0930

99.6858, -7.0596,  
9.9220

49.6346, 52.0725,  
-71.6957

■ 44.0184, 61.3701,  
-88.1596

■ 39.3794, 69.2890,  
-104.5869

■ 35.8742, 74.6756,  
-119.3608

■ 33.4812, 76.8603,  
-131.0015

■ 33.3930, 76.9285,  
-131.4592

# Harmonies

## Analogous

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



78.7765, 0.5460, -23.2431



78.7748, 12.9929, -16.2506



78.7765, 21.1422, -4.0990

# Triad

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



78.7765, 12.9912, -16.2490



78.7765, 4.3405, 23.8018



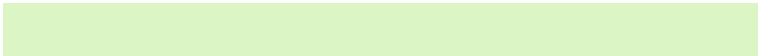
78.7765, -27.5770, -0.3135

# Complementary

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



78.7748, 12.9929, -16.2506



91.9528, -20.6691, 22.2374

# 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.



78.7765, -26.7087, 11.8436



78.7748, 12.9929, -16.2506



78.7765, -8.8509, 24.4750

# Square

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



78.7765, 12.9912, -16.2490



78.7765, 15.9254, 18.4319



78.7765, -20.0466, 20.4524



78.7765, -22.5019, -13.0892



# Rectangle

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



78.7748, 12.9929, -16.2506



78.7765, 22.7444, 4.5787



78.7765, -20.0466, 20.4524



78.7765, -27.9617, 3.9962

# Sweetspot

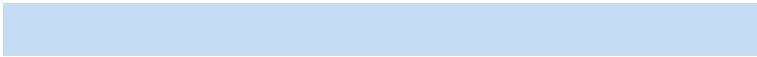
The Sweet Spot groups the original color and five complimentary colors.



78.7765, 12.9912, -16.2490



94.4773, 0.3899, -1.1486



83.5205, -6.9107, -9.9811



43.4345, 0.4707, -0.8697

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.7765, 12.9912, -16.2490



78.6325, 18.0261, -22.5670



81.1735, 20.6361, -12.2515



40.4367, 1.6510, -2.2421



24.6783, 56.6533, -95.6100



7.7230, 17.2676, -26.3398



# Inverse Universe

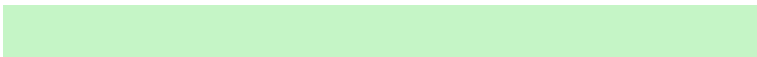
The Inverse Universe completely reimagines the original color for something new.



80.3212, 16.2070, -0.2058



80.6778, 22.1488, -1.2693



90.1359, -27.3310, 19.9975



40.7613, 2.3685, 1.1133



33.4403, 59.4344, 4.8109



10.0174, 17.9971, -0.0533



# Previews

## White Background



This preview shows how the HunterLab color 78.7748, 12.9929, -16.2506 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

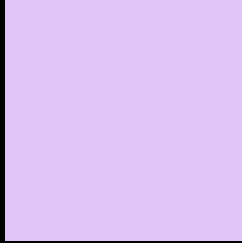
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.7748, 12.9929, -16.2506 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

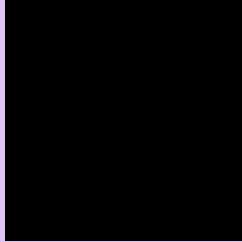
Any Text WCAG AA ✓ Pass

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 78.7748, 12.9929, -16.2506 Background



This preview shows how black text looks on a background with the HunterLab color 78.7748, 12.9929, -16.2506.



This preview shows how white text looks on a background with the HunterLab color 78.7748, 12.9929, -16.2506.

-16.2506.

# 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

78.7748, 12.9929, -16.2506

### Protanopia

79.0159, 2.0370, -19.1391

### Deuteranopia

78.8560, 5.6562, -15.6619



## Tritanopia

78.8723, 3.8478, -1.1933

# Trichromacy



## Original Color

78.7748, 12.9929, -16.2506

## Protanomaly

78.8290, 5.8776, -18.1177

## Deuteranomaly

78.7314, 8.2822, -15.7945

## Tritanomaly

78.7211, 7.0663, -6.6502

# Monochromacy



## Original Color

78.7748, 12.9929, -16.2506

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

79.5528, 1.8771, -2.9774

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.7748, 12.9929, -16.2506 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(222, 197, 245)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 245)  
}
```

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(222, 197, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.7748, 12.9929, -16.2506 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(222, 197, 245) }
```



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

```
.border{ border-color:rgb(222, 197, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 245);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.7748, 12.9929, -16.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 245) }
```

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

```
.background{ background-color: rgb(222,  
197, 245) }
```

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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