

# Converting Colors

HunterLab(83.1586, 0.7033,  
-4.1065)

Have a look what the booklet for  
HunterLab(83.1586, 0.7033, -4.1065)  
contains.

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# Color

**HunterLab(83.1226, 0.7996,  
-4.2896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD6EA
RGB	219, 214, 234
RGB Percent	86%, 84%, 92%
CMY	0.1412, 0.1608, 0.0823
CMYK	0.06, 0.09, 0.00, 0.08
HSL	255°, 32%, 88%
HSV	255°, 9%, 92%
XYZ	68.1112, 69.0937, 87.5885
YIQ	217.7750, -3.4400, 7.2800

# Conversions

## Conversions Part 2

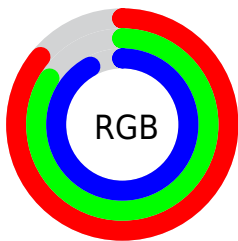
Format	Color
RYB	219, 214, 234
Decimal	14407402
CIELab	86.55, 5.41, -9.19
CIELCh	87, 10.665, 300.457
Yxy	69.0966, 0.3030, 0.3074
Android (android.graphics.Color)	4292597482 (0xFFD6D6EA)
YUV	217.7750, 7.9989, 1.0743
Hunter-Lab	83.1226, 0.7996, -4.2896

# Details

The HunterLab color  $83.1226, 0.7996, -4.2896$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.6440, -9.7744, 12.9881$ , and the grayscale version is  $83.6035, -4.4609, 4.5423$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $59.9192, 1.6227, -4.7268$  is the 20% darker color. If you saturate the color by 10%, you get  $74.5050, 7.6260, -15.9032$ , and if you desaturate by 10%, it is  $92.0173, -5.7845, 6.4424$ .

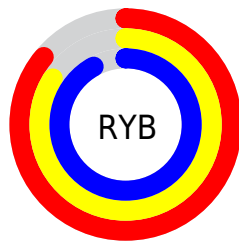
# Distribution



Red (86%)

Green (84%)

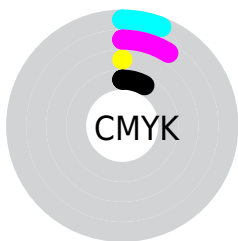
Blue (92%)



Red (86%)

Yellow (84%)

Blue (92%)

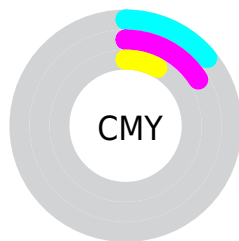


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (16%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1226, 0.7996, -4.2896 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 83.1226, 0.7996, -4.2896 by changing the saturation by 10% instead.



83.1226, 0.7996,  
-4.2896

83.1226, 0.7996,  
-4.2896

213.8625, -4.2866,  
-0.1486

71.2674, 1.1757,  
-4.5391

108.5908, -0.0858,  
-3.6429

60.0348, 1.5065,  
-4.7373

122.1495, -0.5860,  
-3.2549

49.4636, 1.7857,  
-4.8778

136.2299, -1.1222,  
-2.8267

39.5980, 2.0075,  
-4.9546

150.8132, -1.6926,  
-2.3604

30.4926, 2.1643,  
-4.9604

165.8826, -2.2955,  
-1.8579

22.2173, 2.2454,  
-4.8861

181.4231, -2.9297,

14.8654, 2.2348,

-1.3208

-4.7211

197.4206, -3.5937,  
-0.7506

■ 8.5166, 2.3109,  
-4.5665

0.0000, NaN, -NF

■ 83.1226, 0.7996,  
-4.2896

■ 83.1226, 0.7996,  
-4.2896

■ 74.5050, 7.6260,  
-15.9032

■ 92.0173, -5.7845,  
6.4424

■ 66.2047, 14.7720,  
-28.6591

■ 99.2732, -9.1620,  
14.5203

■ 58.2856, 22.3170,  
-42.8783

■ 99.3582, -8.8630,  
14.6177

■ 50.8340, 30.3344,  
-58.9371

■ 43.9717, 38.8389,  
-77.1858

■ 37.8706, 47.6616,  
-97.7006

■ 32.7617, 56.2052,  
-119.7037

■ 28.9133, 63.1726,  
-140.7036

■ 26.4716, 67.0567,  
-156.8641

# Harmonies

## Analogous

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



83.1244, -4.3583, -5.7824



83.1226, 0.7996, -4.2896



83.1244, 4.6282, -0.4069

# Triad

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



83.1244, 0.7978, -4.2881



83.1244, 0.6534, 12.5367



83.1244, -14.4025, 4.4472

# Complementary

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



83.1226, 0.7996, -4.2896



89.6440, -9.7744, 12.9881

# 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.



83.1244, -13.1349, 9.1715



83.1226, 0.7996, -4.2896



83.1244, -4.5211, 13.6605

# Square

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



83.1244, 0.7978, -4.2881



83.1244, 4.5433, 9.2976



83.1244, -9.5507, 12.4671



83.1244, -13.0569, -0.5492



# Rectangle

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



83.1226, 0.7996, -4.2896



83.1244, 5.8677, 2.8987



83.1244, -9.5507, 12.4671



83.1244, -14.2682, 6.1184

# Sweetspot

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



83.1244, 0.7978, -4.2881



97.0277, -3.1634, 1.9213



87.4425, -8.7083, 0.9482



44.5239, -1.1933, 0.4488

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.1244, 0.7978, -4.2881



90.1924, 1.9906, -6.5815



84.0475, 3.9335, -3.0545



38.3807, 0.6602, -2.4798



19.7526, 50.7267, -118.2409



5.9214, 14.5673, -30.4893



# Inverse Universe

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



84.4072, 4.8105, 0.0230



91.8652, 7.1921, -0.9136



88.7773, -12.8527, 11.9894



39.0457, 2.7332, -0.2333



34.0616, 63.5341, -18.3194

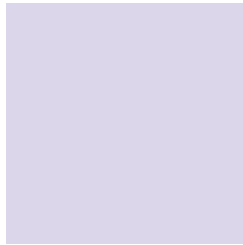


9.6241, 18.0853, -6.2132



# Previews

## White Background



This preview shows how the HunterLab color 83.1226, 0.7996, -4.2896 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 83.1226, 0.7996, -4.2896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

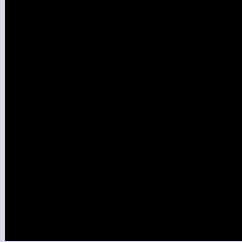
Any Text WCAG AA ✓ Pass

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 83.1226, 0.7996, -4.2896 Background



This preview shows how black text looks on a background with the HunterLab color 83.1226, 0.7996, -4.2896.



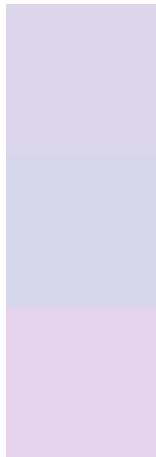
This preview shows how white text looks on a background with the HunterLab color 83.1226, 0.7996, -4.2896.

-4.2896.

# 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

83.1226, 0.7996, -4.2896

### Protanopia

83.0940, -0.7993, -4.8933

### Deuteranopia

82.9152, 6.3588, -4.9991



## Tritanopia

83.0197, 0.2419, -2.8314

# Trichromacy



## Original Color

83.1226, 0.7996, -4.2896

## Protanomaly

83.1853, -0.4858, -4.7700

## Deuteranomaly

82.8216, 4.5082, -5.1526

## Tritanomaly

83.0538, 0.4269, -3.3151

# Monochromacy



## Original Color

83.1226, 0.7996, -4.2896

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

83.6140, -2.9061, 1.4658

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.1226, 0.7996, -4.2896 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(219, 214, 234)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 234)  
}
```

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(219, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 234) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.1226, 0.7996, -4.2896 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(219, 214, 234) }
```



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

```
.border{ border-color:rgb(219, 214, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
234) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.1226, 0.7996, -4.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 234) }
```

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

```
.background{ background-color: rgb(219,  
214, 234) }
```

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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