

# Converting Colors

HunterLab(76.1202, 3.5063,  
3.5342)

Have a look what the booklet for  
HunterLab(76.1202, 3.5063, 3.5342)  
contains.

<b>HunterLab(75.9879, 3.7367, 3.2903)</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(75.9879, 3.7367,  
3.2903)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7C3CA
RGB	215, 195, 202
RGB Percent	84%, 76%, 79%
CMY	0.1569, 0.2353, 0.2078
CMYK	0.00, 0.09, 0.06, 0.16
HSL	339°, 20%, 80%
HSV	339°, 9%, 84%
XYZ	58.2001, 57.7416, 63.9550
YIQ	201.7780, 9.6730, 6.4170

# Conversions

## Conversions Part 2

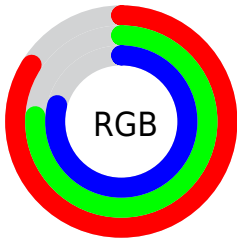
Format	Color
R <sub>Y</sub> B	215, 195, 202
Decimal	14140362
CIE Lab	80.60, 8.23, -0.95
CIE LCh	81, 8.281, 353.409
Yxy	57.7441, 0.3235, 0.3210
Android (android.graphics.Color)	4292330442 (0xFFD7C3CA)
YUV	201.7780, 0.1094, 11.5957
Hunter-Lab	75.9879, 3.7367, 3.2903

# Details

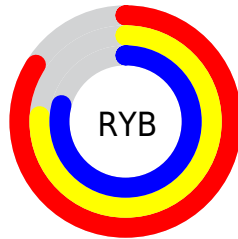
The HunterLab color  $75.9879, 3.7367, 3.2903$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $80.4727, -11.7456, 5.4125$ , and the grayscale version is  $76.7551, -4.0955, 4.1702$ .

A 20% lighter version of the original color is  $99.0459, -3.7429, 4.3328$ , and  $53.5364, 4.2274, 2.0349$  is the 20% darker color. If you saturate the color by 10%, you get  $69.3977, 12.6779, 2.3255$ , and if you desaturate by 10%, it is  $82.9308, -5.0031, 4.5779$ .

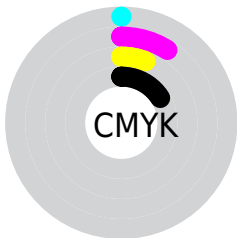
# Distribution



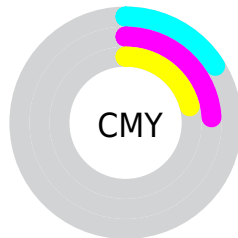
- Red (84%)
- Green (76%)
- Blue (79%)



- Red (84%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.9879, 3.7367, 3.2903 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 75.9879, 3.7367, 3.2903 by changing the saturation by 10% instead.



■ 75.9879, 3.7367,  
3.2903

■ 75.9879, 3.7367,  
3.2903

204.0176, -0.1674,  
9.9344

■ 64.5004, 3.9506,  
2.7106

■ 100.7721, 3.1511,  
4.5581

■ 53.6568, 4.1096,  
2.1674

114.0105, 2.7910,  
5.2402

■ 43.4999, 4.2050,  
1.6646

127.7826, 2.3893,  
5.9527

■ 34.0797, 4.2283,  
1.2058

142.0685, 1.9486,  
6.6946

■ 25.4590, 4.1678,  
0.7955

156.8503, 1.4708,  
7.4646

■ 17.7202, 4.0065,  
0.4397

172.1120, 0.9579,

■ 10.9786, 3.7178,

8.2618

0.1477

187.8389, 0.4113,  
9.0854

■ 2.5694, 13.8136,  
-1.3936

0.0000, NaN, NaN

■ 75.9879, 3.7367,  
3.2903

■ 75.9879, 3.7367,  
3.2903

■ 69.3977, 12.6779,  
2.3255

■ 82.9308, -5.0031,  
4.5779

■ 63.2164, 21.7947,  
1.7558

■ 90.1722, -13.5367,  
6.1239

■ 57.5219, 30.9912,  
1.6747

■ 96.1743, -19.6319,  
6.1871

■ 52.4058, 40.0695,  
2.1852

■ 96.5335, -17.6134,  
1.0680

■ 47.9736, 48.6794,  
3.3837

■ 44.3345, 56.2913,  
5.3261

■ 41.5802, 62.2510,  
7.9762

■ 39.7511, 65.9766,  
11.1617

■ 38.7357, 67.4738,  
14.5275

# Harmonies

## Analogous

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



75.9896, 2.2166, -0.3561



75.9879, 3.7367, 3.2903



75.9896, 3.1300, 6.9864

# Triad

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



75.9896, 3.7346, 3.2916



75.9896, -7.0906, 10.5497



75.9896, -8.5899, -1.9765

# Complementary

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



75.9879, 3.7367, 3.2903



80.4727, -11.7456, 5.4125

# 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.



75.9896, -10.9897, 1.1714



75.9879, 3.7367, 3.2903



75.9896, -10.1367, 8.3702

# Square

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



75.9896, 3.7346, 3.2916



75.9896, -3.1737, 11.0522



75.9896, -11.5501, 4.9715



75.9896, -4.9396, -3.4976



# Rectangle

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



75.9879, 3.7367, 3.2903



75.9896, 1.6106, 8.9950



75.9896, -11.5501, 4.9715



75.9896, -9.5665, -1.0660

# Sweetspot

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



75.9896, 3.7346, 3.2916



97.4164, -2.1465, 4.9312



75.7292, 3.7021, -3.6057



44.7526, -0.5969, 2.2217

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.9896, 3.7346, 3.2916



90.7036, 6.4721, 3.7501



76.6667, 1.0369, 7.3297



35.3438, 1.7877, 1.5263



29.9416, 52.3576, 10.9621



7.4576, 13.2403, 1.1841



# Inverse Universe

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



75.9896, 3.7346, 3.2916



90.7036, 6.4721, 3.7501



79.7477, -9.0274, 1.1839



35.3438, 1.7877, 1.5263



29.9416, 52.3576, 10.9621

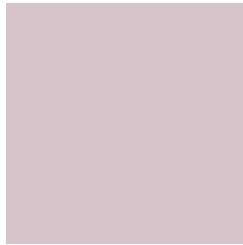


7.4576, 13.2403, 1.1841



# Previews

## White Background



This preview shows how the HunterLab color 75.9879, 3.7367, 3.2903 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

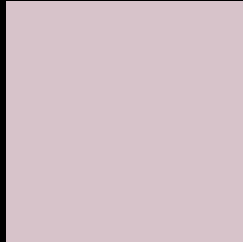
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.9879, 3.7367, 3.2903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

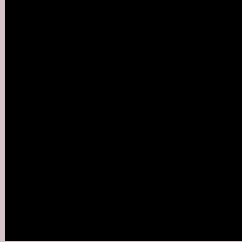
Any Text WCAG AA ✓ Pass

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 75.9879, 3.7367, 3.2903 Background



This preview shows how black text looks on a background with the HunterLab color 75.9879, 3.7367, 3.2903.



This preview shows how white text looks on a background with the HunterLab color 75.9879, 3.7367,

3.2903.

# 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

75.9879, 3.7367, 3.2903

### Protanopia

76.0020, -2.2331, 2.2278

### Deuteranopia

75.9956, 5.2732, 3.3264



## Tritanopia

76.0171, 5.7915, -0.1055

# Trichromacy



## Original Color

75.9879, 3.7367, 3.2903

## Protanomaly

76.1350, -0.2886, 2.9098

## Deuteranomaly

75.8944, 4.9334, 3.2000

## Tritanomaly

75.9202, 5.2729, 1.2722

# Monochromacy



## Original Color

75.9879, 3.7367, 3.2903

## Achromatopsia

76.8517, -4.1006, 4.1755

## Achromatomaly

76.4045, -0.9711, 3.7024

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.9879, 3.7367, 3.2903 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(215, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 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(215, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 202) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.9879, 3.7367, 3.2903 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(215, 195, 202) }
```



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

```
.border{ border-color:rgb(215, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 195,  
202) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.9879, 3.7367, 3.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 202) }
```

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

```
.background{ background-color: rgb(215,  
195, 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