

# Converting Colors

HunterLab(72.5933, 8.2945,  
-8.1888)

Have a look what the booklet for  
HunterLab(72.5933, 8.2945, -8.1888)  
contains.

<b>HunterLab(72.5499, 8.1625, -8.2441)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(72.5499, 8.1625,  
-8.2441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB9D8
RGB	205, 185, 216
RGB Percent	80%, 73%, 85%
CMY	0.1961, 0.2745, 0.1529
CMYK	0.05, 0.14, 0.00, 0.15
HSL	279°, 28%, 79%
HSV	279°, 14%, 85%
XYZ	54.9204, 52.6349, 72.2306
YIQ	194.5140, 1.9690, 13.8810

# Conversions

## Conversions Part 2

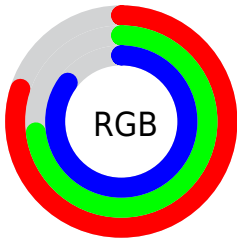
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 185, 216
Decimal	13482456
CIE <sub>Lab</sub>	77.66, 12.75, -12.95
CIE <sub>LCh</sub>	78, 18.171, 314.566
Yxy	52.6371, 0.3055, 0.2928
Android (android.graphics.Color)	4291672536 (0xFFCDB9D8)
YUV	194.5140, 10.5926, 9.1962
Hunter-Lab	72.5499, 8.1625, -8.2441

# Details

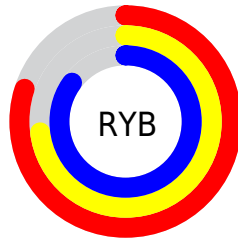
The HunterLab color  $72.5499, 8.1625, -8.2441$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $80.2194, -15.5986, 15.2320$ , and the grayscale version is  $73.6244, -3.9284, 4.0002$ .

A 20% lighter version of the original color is  $95.5984, 2.1411, 0.2692$ , and  $50.6508, 8.0871, -8.1169$  is the 20% darker color. If you saturate the color by 10%, you get  $65.7358, 17.1435, -17.7898$ , and if you desaturate by 10%, it is  $79.6797, -0.6447, 0.7452$ .

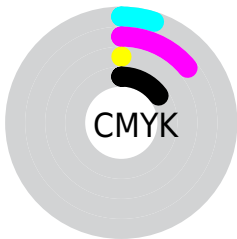
# Distribution



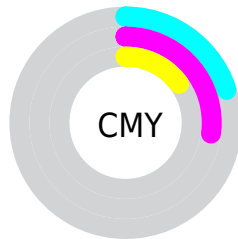
- Red (80%)
- Green (73%)
- Blue (85%)



- Red (80%)
- Yellow (73%)
- Blue (85%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5499, 8.1625, -8.2441 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 72.5499, 8.1625, -8.2441 by changing the saturation by 10% instead.



72.5499, 8.1625,  
-8.2441

72.5499, 8.1625,  
-8.2441

199.2213, 5.9567,  
-5.5838

61.2480, 8.1464,  
-8.2965

96.9898, 8.0057,  
-7.9676

50.6014, 8.0619,  
-8.2884

110.0673, 7.8463,  
-7.7542

40.6552, 7.8982,  
-8.2125

123.6848, 7.6378,  
-7.4944

31.4624, 7.6436,  
-8.0626

137.8218, 7.3834,  
-7.1910

23.0910, 7.2818,  
-7.8326

152.4598, 7.0859,  
-6.8462

15.6311, 6.7898,  
-7.5206

167.5822, 6.7475,

9.2089, 6.1456,

-6.4623

-7.1534

183.1739, 6.3705,  
-6.0409

0.0000, INF, -NF

0.0000, NaN, NaN

■ 72.5499, 8.1625,  
-8.2441

■ 72.5499, 8.1625,  
-8.2441

■ 65.7358, 17.1435,  
-17.7898

■ 79.6797, -0.6447,  
0.7452

■ 59.2880, 26.2852,  
-27.9755

■ 87.0775, -9.2817,  
9.2594

■ 53.2784, 35.5115,  
-38.8452

■ 94.7108, -17.7704,  
17.3796

■ 47.7961, 44.6441,  
-50.3561

■ 97.0840, -17.9636,  
19.8327

■ 42.9494, 53.3311,

■ 97.7706, -15.4940,

-62.2848

20.5776

■ 38.8599, 60.9811,  
-74.1090

■ 98.4813, -12.9567,  
21.3443

■ 35.6416, 66.7785,  
-84.9407

■ 98.8625, -11.6036,  
21.7537

■ 33.3563, 69.9225,  
-93.6982

■ 32.3683, 70.7485,  
-97.8172

# Harmonies

## Analogous

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



72.5514, 0.3526, -13.0811



72.5499, 8.1625, -8.2441



72.5514, 12.8519, -0.3860

# Triad

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



72.5514, 8.1608, -8.2427



72.5514, 0.6016, 17.5968



72.5514, -19.2714, -0.1408

# Complementary

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



72.5499, 8.1625, -8.2441



80.2194, -15.5986, 15.2320

# 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.



72.5514, -19.2117, 8.0323



72.5499, 8.1625, -8.2441



72.5514, -8.0080, 17.6461

# Square

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



72.5514, 8.1608, -8.2427



72.5514, 8.3504, 14.1913



72.5514, -15.1741, 14.3349



72.5514, -15.3410, -8.0452



# Rectangle

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



72.5499, 8.1625, -8.2441



72.5514, 13.4479, 5.1966



72.5514, -15.1741, 14.3349



72.5514, -19.7112, 2.6792

# Sweetspot

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



72.5514, 8.1608, -8.2427



96.4281, -1.1067, 1.2285



74.1079, -3.8922, -6.3796



44.3040, -0.1423, 0.1978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.5514, 8.1608, -8.2427



85.2000, 12.8725, -13.1116



73.5158, 11.0479, -4.6705



35.2165, 1.7574, -1.7340



25.0275, 54.5854, -74.7177



6.5070, 13.8634, -16.8808



# Inverse Universe

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



72.9963, 8.2983, 2.7048



85.8604, 13.0792, 2.9355



79.4400, -18.2112, 12.6410



35.3453, 1.7955, 1.5054



29.9567, 52.4131, 10.7423

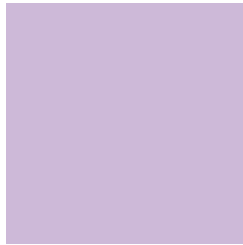


7.4618, 13.2555, 1.1241



# Previews

## White Background



This preview shows how the HunterLab color 72.5499, 8.1625, -8.2441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

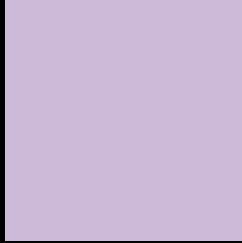
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.5499, 8.1625, -8.2441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

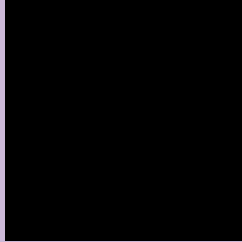
Any Text WCAG AA ✓ Pass

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 72.5499, 8.1625, -8.2441 Background



This preview shows how black text looks on a background with the HunterLab color 72.5499, 8.1625, -8.2441.



This preview shows how white text looks on a background with the HunterLab color 72.5499, 8.1625, -8.2441.

-8.2441.

# 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

72.5499, 8.1625, -8.2441

### Protanopia

72.4976, 0.7308, -10.6893

### Deuteranopia

72.6484, 5.5072, -8.1580



## Tritanopia

72.4579, 3.9111, -1.0058

# Trichromacy



## Original Color

72.5499, 8.1625, -8.2441

## Protanomaly

72.4915, 3.6878, -10.0796

## Deuteranomaly

72.5481, 6.6689, -8.2728

## Tritanomaly

72.4294, 5.6478, -3.5931

# Monochromacy



## Original Color

72.5499, 8.1625, -8.2441

## Achromatopsia

73.8732, -3.9417, 4.0137

## Achromatomaly

73.2909, 0.7336, -0.5323

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.5499, 8.1625, -8.2441 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(205, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 216)  
}
```

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(205, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.5499, 8.1625, -8.2441 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".

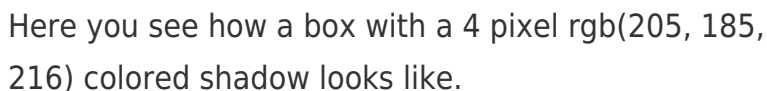
```
.border, #border, table{ border:4px solid rgb(205, 185, 216) }
```



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

```
.border{ border-color:rgb(205, 185, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.5499, 8.1625, -8.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 216) }
```

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

```
.background{ background-color: rgb(205,  
185, 216) }
```

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