

# Converting Colors

HunterLab(67.2044, 16.6303,  
7.9184)

Have a look what the booklet for  
HunterLab(67.2044, 16.6303,  
7.9184) contains.

<b>HunterLab(67.2478, 16.6923, 7.7612)</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(67.2478, 16.6923,  
7.7612)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDA5AB
RGB	221, 165, 171
RGB Percent	87%, 65%, 67%
CMY	0.1333, 0.3529, 0.3294
CMYK	0.00, 0.25, 0.23, 0.13
HSL	354°, 45%, 76%
HSV	354°, 25%, 87%
XYZ	50.6246, 45.2227, 44.5887
YIQ	182.4280, 31.4500, 13.7380

# Conversions

## Conversions Part 2

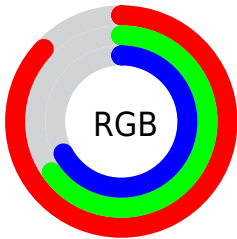
Format	Color
R <sub>Y</sub> B	221, 165, 171
Decimal	14525867
CIE Lab	73.04, 21.51, 5.00
CIE LCh	73, 22.085, 13.073
Yxy	45.2248, 0.3605, 0.3220
Android (android.graphics.Color)	4292715947 (0xFFDDA5AB)
YUV	182.4280, -5.6340, 33.8276
Hunter-Lab	67.2478, 16.6923, 7.7612

# Details

The HunterLab color  $67.2478, 16.6923, 7.7612$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $80.3863, -21.5645, 1.7358$ , and the grayscale version is  $68.5888, -3.6597, 3.7266$ .

A 20% lighter version of the original color is  $88.2822, 8.3940, 6.2236$ , and  $45.9799, 15.6256, 6.1012$  is the 20% darker color. If you saturate the color by 10%, you get  $61.0179, 25.5475, 9.4863$ , and if you desaturate by 10%, it is  $73.9646, 8.0884, 6.3297$ .

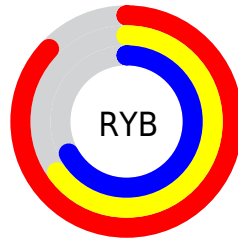
# Distribution



Red (87%)

Green (65%)

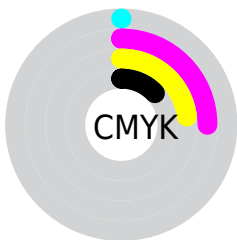
Blue (67%)



Red (87%)

Yellow (65%)

Blue (67%)

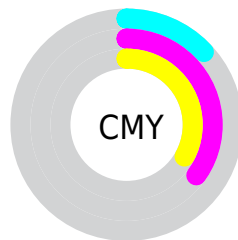


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (35%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2478, 16.6923, 7.7612 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 67.2478, 16.6923, 7.7612 by changing the saturation by 10% instead.





 67.2478, 16.6923,  
7.7612


 67.2478, 16.6923,  
7.7612


191.7506, 17.7301,  
16.3507

 56.2446, 16.2380,  
6.9101


 91.1359, 17.3508,  
9.5274

 45.9157, 15.6928,  
6.0769


 103.9562, 17.5747,  
10.4408

 36.3102, 15.0416,  
5.2610


117.3269, 17.7353,  
11.3749

 27.4874, 14.2688,  
4.4594

131.2263, 17.8373,  
12.3296

 19.5241, 13.3548,  
3.6660

145.6350, 17.8845,  
13.3047

 12.5256, 12.2790,  
2.8688

160.5355, 17.8805,

 5.8009, 15.8499,

14.3001

3.8855

175.9122, 17.8281,  
15.3155

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2478, 16.6923,  
7.7612

■ 67.2478, 16.6923,  
7.7612

■ 61.0179, 25.5475,  
9.4863

■ 73.9646, 8.0884,  
6.3297

■ 55.3651, 34.5419,  
11.5218

■ 81.0867, -0.2206,  
5.1545

■ 50.4039, 43.4138,  
13.8555

■ 88.5549, -8.2449,  
4.2003

■ 46.2588, 51.7098,  
16.4127

■ 96.3209, -16.0123,  
3.4331

■ 43.0466, 58.7815,

■ 97.0114, -15.8938,

19.0312

1.6788

■ 40.8418, 63.9246,  
21.4660

■ 39.6295, 66.6911,  
23.4492

■ 39.2897, 67.4490,  
24.1144

# Harmonies

## Analogous

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



67.2494, 16.3078, -2.0263



67.2478, 16.6923, 7.7612



67.2494, 11.4094, 15.2406

# Triad

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



67.2494, 16.6898, 7.7624



67.2494, -16.5216, 15.9595



67.2494, -9.2309, -16.8448

# Complementary

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



67.2478, 16.6923, 7.7612



80.3863, -21.5645, 1.7358

# 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.



67.2494, -17.3835, -10.4338



67.2478, 16.6923, 7.7612



67.2494, -21.4168, 8.8904

# Square

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



67.2494, 16.6898, 7.7624



67.2494, -7.9895, 19.4736



67.2494, -21.7226, -0.7171



67.2494, 0.9217, -17.2677



# Rectangle

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



67.2478, 16.6923, 7.7612



67.2494, 5.5622, 18.3150



67.2494, -21.7226, -0.7171



67.2494, -12.2810, -15.2793

# Sweetspot

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



67.2494, 16.6898, 7.7624



93.0321, 2.3712, 6.4111



68.1904, 23.0041, -17.0569



42.4484, 1.7789, 3.0600

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.2494, 16.6898, 7.7624



75.4154, 24.7035, 10.0780



73.0789, 4.6676, 16.2299



36.1581, 1.4549, 2.5948



29.9591, 51.4579, 18.1803



7.6765, 13.2866, 3.8728



# Inverse Universe

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



67.2494, 16.6898, 7.7624



75.4154, 24.7035, 10.0780



73.6982, -10.0101, -9.7960



36.1581, 1.4549, 2.5948



29.9591, 51.4579, 18.1803

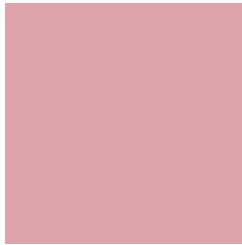


7.6765, 13.2866, 3.8728



# Previews

## White Background



This preview shows how the HunterLab color 67.2478, 16.6923, 7.7612 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

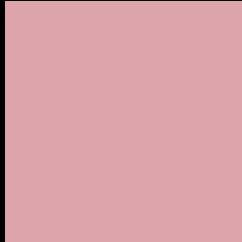
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.2478, 16.6923, 7.7612 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

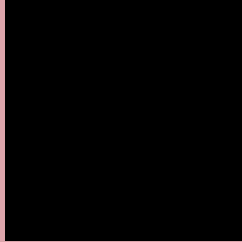
Any Text WCAG AA ✓ Pass

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 67.2478, 16.6923, 7.7612 Background



This preview shows how black text looks on a background with the HunterLab color 67.2478, 16.6923, 7.7612.



This preview shows how white text looks on a background with the HunterLab color 67.2478, 16.6923,

7.7612.

# 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

67.2478, 16.6923, 7.7612

### Protanopia

67.4997, -2.3365, 4.0914

### Deuteranopia

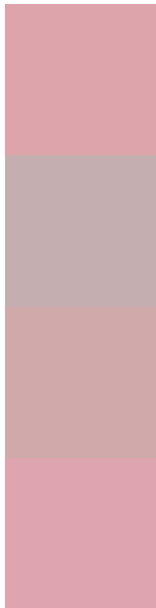
67.2081, 5.0698, 8.3882



## Tritanopia

67.2717, 18.4890, 5.1164

# Trichromacy



## Original Color

67.2478, 16.6923, 7.7612

## Protanomaly

67.2882, 4.2690, 5.3454

## Deuteranomaly

67.1280, 9.2132, 7.9355

## Tritanomaly

67.2128, 18.1856, 5.9580

# Monochromacy



## Original Color

67.2478, 16.6923, 7.7612

## Achromatopsia

68.3947, -3.6494, 3.7160

## Achromatomaly

67.8239, 3.2302, 5.0295

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.2478, 16.6923, 7.7612 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(221, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(221, 165, 171)  
}
```

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(221, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 165, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.2478, 16.6923, 7.7612 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(221, 165, 171) }
```



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

```
.border{ border-color:rgb(221, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(221, 165,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.2478, 16.6923, 7.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 165, 171) }
```

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

```
.background{ background-color: rgb(221,  
165, 171) }
```

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