

# Converting Colors

HunterLab(62.0836, 0.0093,  
4.4870)

Have a look what the booklet for  
HunterLab(62.0836, 0.0093, 4.4870)  
contains.

<b>HunterLab(62.2421, -0.1587, 4.4416)</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(62.2421, -0.1587,  
4.4416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFA5A5
RGB	175, 165, 165
RGB Percent	69%, 65%, 65%
CMY	0.3137, 0.3529, 0.3529
CMYK	0.00, 0.06, 0.06, 0.31
HSL	0°, 6%, 67%
HSV	0°, 6%, 69%
XYZ	37.9258, 38.7408, 41.0761
YIQ	167.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

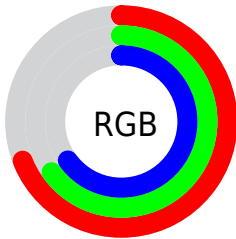
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 165, 165
Decimal	11511205
CIELab	68.56, 3.60, 1.29
CIELCh	69, 3.828, 19.645
Yxy	38.7425, 0.3221, 0.3290
Android (android.graphics.Color)	4289701285 (0xFFAFA5A5)
YUV	167.9900, -1.4741, 6.1478
Hunter-Lab	62.2421, -0.1587, 4.4416

# Details

The HunterLab color  $62.2421, -0.1587, 4.4416$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $64.6172, -6.4924, 2.4889$ , and the grayscale version is  $62.5769, -3.3389, 3.3999$ .

A 20% lighter version of the original color is  $85.6403, -0.9131, 5.8785$ , and  $41.4891, 0.7667, 3.2531$  is the 20% darker color. If you saturate the color by 10%, you get  $56.8002, 5.8715, 6.0734$ , and if you desaturate by 10%, it is  $67.9506, -5.9431, 2.9141$ .

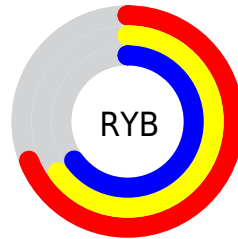
# Distribution



Red (69%)

Green (65%)

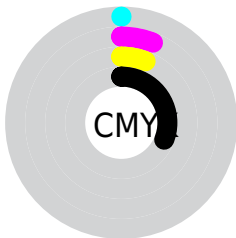
Blue (65%)



Red (69%)

Yellow (65%)

Blue (65%)

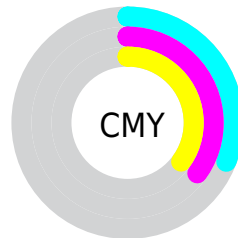


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2421, -0.1587, 4.4416 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 62.2421, -0.1587, 4.4416 by changing the saturation by 10% instead.



■ 62.2421, -0.1587,  
4.4416

■ 62.2421, -0.1587,  
4.4416

184.6062, -5.3369,  
11.5706

■ 51.5359, 0.2225,  
3.7943

■ 85.5831, -1.0592,  
5.8331

■ 41.5243, 0.5554,  
3.1792

■ 98.1493, -1.5688,  
6.5728

■ 32.2609, 0.8324,  
2.5990

111.2765, -2.1153,  
7.3406

■ 23.8119, 1.0456,  
2.0556

124.9418, -2.6964,  
8.1355

■ 16.2650, 1.1832,  
1.5509

139.1248, -3.3106,  
8.9568

■ 9.7447, 1.2263,  
1.0876

153.8073, -3.9563,

0.0000, NaN, NaN

9.8035

0.0000, NaN, NaN

168.9727, -4.6321,  
10.6750

0.0000, NaN, NaN

■ 62.2421, -0.1587,  
4.4416

■ 62.2421, -0.1587,  
4.4416

■ 56.8002, 5.8715,  
6.0734

■ 67.9506, -5.9431,  
2.9141

■ 51.6671, 12.1671,  
7.8147

■ 73.8850, -11.5041,  
1.4761

■ 46.9026, 18.7112,  
9.6655

■ 80.0174, -16.8742,  
0.1162

■ 42.5784, 25.4290,  
11.6058

■ 86.3246, -22.0832,  
-1.1772

■ 38.7805, 32.1438,  
13.5824

■ 92.7877, -27.1576,  
-2.4144

■ 35.6030, 38.5324,  
15.4937

■ 93.7305, -27.8842,  
-2.5768

■ 33.1352, 44.1171,  
17.1860

■ 31.4348, 48.3560,  
18.4818

■ 30.4868, 50.8816,  
19.2577

# Harmonies

## Analogous

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



62.2435, -0.0180, 2.8165



62.2421, -0.1587, 4.4416



62.2435, -1.1557, 5.7517

# Triad

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



62.2435, -0.1603, 4.4426



62.2435, -5.8393, 5.4026



62.2435, -3.9213, 0.1939

# Complementary

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



62.2421, -0.1587, 4.4416



64.6172, -6.4924, 2.4889

# 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.



62.2435, -5.4640, 0.9280



62.2421, -0.1587, 4.4416



62.2435, -6.5633, 3.9542

# Square

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



62.2435, -0.1603, 4.4426



62.2435, -4.4389, 6.2954



62.2435, -6.4267, 2.3148



62.2435, -2.2021, 0.3334



# Rectangle

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



62.2421, -0.1587, 4.4416



62.2435, -2.1631, 6.2826



62.2435, -6.4267, 2.3148



62.2435, -4.4774, 0.3475

# Sweetspot

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



62.2435, -0.1603, 4.4426



86.0701, -3.0992, 5.1775



62.5459, 1.4836, 0.1198



40.6166, -1.5013, 2.4303



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



62.2435, -0.1603, 4.4426



82.2506, 0.9002, 6.2438



63.7029, -2.6309, 6.0755



28.7935, 0.4045, 2.2158



25.5496, 43.7444, 16.5093



4.2629, 7.2912, 2.7544



# Inverse Universe

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



64.6172, -6.4924, 2.4889



86.2031, -9.6457, 2.9899



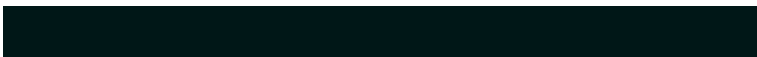
63.1225, -4.0524, 0.7294



30.2424, -3.4615, 1.0229



49.1513, -26.0479, -5.2049



8.1987, -4.3455, -0.8671



# Previews

## White Background



This preview shows how the HunterLab color 62.2421, -0.1587, 4.4416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

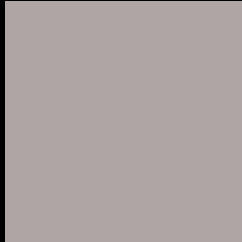
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.2421, -0.1587, 4.4416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

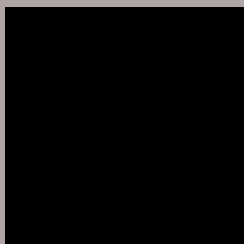
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

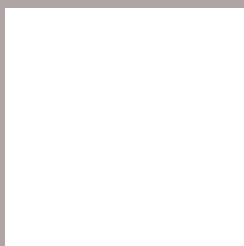
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 62.2421, -0.1587, 4.4416 Background



This preview shows how black text looks on a background with the HunterLab color 62.2421, -0.1587, 4.4416.



This preview shows how white text looks on a background with the HunterLab color 62.2421, -0.1587,

4.4416.

# 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

62.2421, -0.1587, 4.4416

### Protanopia

62.1061, -2.0654, 3.7927

### Deuteranopia

62.2769, 4.4333, 4.1063



## Tritanopia

62.1901, 3.2933, -0.7800

# Trichromacy



## Original Color

62.2421, -0.1587, 4.4416

## Protanomaly

62.2866, -1.4419, 4.0148

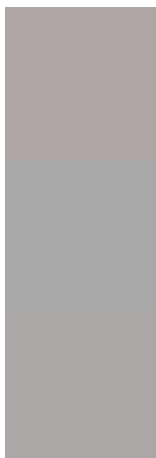
## Deuteranomaly

62.2666, 2.9386, 4.0681

## Tritanomaly

62.2572, 1.7970, 1.2245

# Monochromacy



## Original Color

62.2421, -0.1587, 4.4416

## Achromatopsia

62.5758, -3.3389, 3.3999

## Achromatomaly

62.5183, -2.0861, 3.8156

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.2421, -0.1587, 4.4416 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(175, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 165)  
}
```

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(175, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.2421, -0.1587, 4.4416 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(175, 165, 165) }
```



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

```
.border{ border-color:rgb(175, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.2421, -0.1587, 4.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 165) }
```

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

```
.background{ background-color: rgb(175,  
165, 165) }
```

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