

# Converting Colors

HunterLab(57.2358, -5.5965,  
23.4489)

Have a look what the booklet for  
HunterLab(57.2358, -5.5965,  
23.4489) contains.

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# Color

**HunterLab(57.2196, -5.7949,  
23.4385)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A99B61
RGB	169, 155, 97
RGB Percent	66%, 61%, 38%
CMY	0.3373, 0.3921, 0.6196
CMYK	0.00, 0.08, 0.43, 0.34
HSL	48°, 30%, 52%
HSV	48°, 43%, 66%
XYZ	30.2412, 32.7408, 16.0350
YIQ	152.5740, 26.9620, -15.0700

# Conversions

## Conversions Part 2

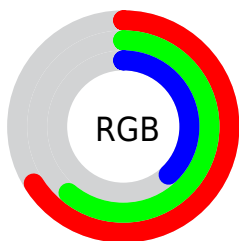
Format	Color
<a href="#">RYB</a>	<a href="#">114, 169, 97</a>
Decimal	<a href="#">11115361</a>
CIELab	<a href="#">63.95, -3.27, 32.23</a>
CIELCh	<a href="#">64, 32.395, 95.800</a>
Yxy	<a href="#">32.7423, 0.3827, 0.4144</a>
Android (android.graphics.Color)	<a href="#">4289305441</a> (0xFFA99B61)
YUV	<a href="#">152.5740, -27.3980, 14.4056</a>
Hunter-Lab	<a href="#">57.2196, -5.7949, 23.4385</a>

# Details

The HunterLab color **57.2196, -5.7949, 23.4385** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40.9565, 5.7970, -28.9999**, and the grayscale version is **56.3682, -3.0077, 3.0626**.

A 20% lighter version of the original color is **79.8415, -7.3768, 28.2635**, and **37.1042, -4.4372, 18.1426** is the 20% darker color. If you saturate the color by 10%, you get **56.0190, -5.6375, 26.3664**, and if you desaturate by 10%, it is **58.4811, -5.6759, 19.8263**.

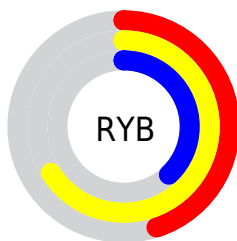
# Distribution



Red (66%)

Green (61%)

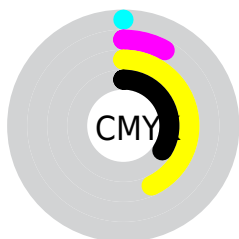
Blue (38%)



Red (45%)

Yellow (66%)

Blue (38%)

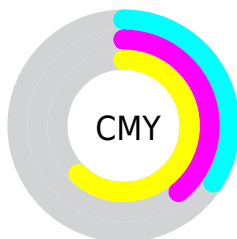


Cyan (0%)

Magenta (8%)

Yellow (43%)

Black (34%)



Cyan (34%)

Magenta (39%)


Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2196, -5.7949, 23.4385 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 57.2196, -5.7949, 23.4385 by changing the saturation by 10% instead.




 57.2196, -5.7949,  
23.4385


 57.2196, -5.7949,  
23.4385

177.3378,  
-13.4878, 43.4266


 46.8286, -5.0612,  
20.8852


 79.9832, -7.3422,  
28.2437


 37.1549, -4.3502,  
18.1904


 92.2818, -8.1512,  
30.5350

 28.2578, -3.6632,  
15.3102


 105.1533, -8.9840,  
32.7715

 20.2123, -2.9985,  
12.2893

 118.5731, -9.8400,  
34.9634

 13.1204, -2.3517,  
9.1843

132.5197,  
-10.7189, 37.1189

 6.6142, -2.5102,  
4.6300

146.9739,


0.0000, NaN, NaN


-11.6201, 39.2446


0.0000, NaN, NaN


161.9185,  
-12.5432, 41.3457


0.0000, NaN, NaN


 57.2196, -5.7949,  
23.4385


 57.2196, -5.7949,  
23.4385


 56.0190, -5.6375,  
26.3664


 58.4811, -5.6759,  
19.8263


 54.8749, -5.2008,  
28.6096


 59.7992, -5.2752,  
15.5355


 53.7876, -4.4944,  
30.1813


 61.1747, -4.5982,  
10.5810


 52.7554, -3.5319,  
31.1099


 62.6067, -3.6509,  
4.9822

 51.7749, -2.3351,  
31.4455

 64.0940, -2.4407,  
-1.2379

 51.0738, -1.3508,  
31.4478

 65.6354, -0.9765,  
-8.0537

 67.2293, 0.7319,  
-15.4381

 68.8743, 2.6741,  
-23.3628

 70.5688, 4.8394,  
-31.7996

# Harmonies

## Analogous

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



57.2209, 8.6043, 22.1414



57.2196, -5.7949, 23.4385



57.2209, -18.2066, 20.4673

# Triad

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



57.2209, -5.7969, 23.4391



57.2209, -23.6112, -14.3101



57.2209, 24.1179, -8.6225

# Complementary

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



57.2196, -5.7949, 23.4385



40.9565, 5.7970, -28.9999

# 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.



57.2209, 13.8554, -22.2902



57.2196, -5.7949, 23.4385



57.2209, -13.8519, -26.0961

# Square

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



57.2209, -5.7969, 23.4391



57.2209, -27.8258, 0.4196



57.2209, -0.2630, -29.3256



57.2209, 26.8079, 5.6847



# Rectangle

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



57.2196, -5.7949, 23.4385



57.2209, -23.9849, 15.9047



57.2209, -0.2630, -29.3256



57.2209, 21.3935, -13.5426

# Sweetspot

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



57.2209, -5.7969, 23.4391



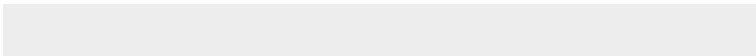
81.7496, -6.2215, 14.6038



42.5926, 24.0676, 5.5704



37.9799, -3.0067, 7.5060



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



57.2209, -5.7969, 23.4391



75.0765, -7.5712, 35.0444



59.5644, -18.9791, 25.1134



29.1930, -2.0427, 4.1640



44.1770, -1.3091, 27.1987



7.3249, -0.9145, 4.4975



# Inverse Universe

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



40.9565, 5.7970, -28.9999



49.0277, 11.8498, -50.8783



39.1256, 18.1646, -32.4544



27.4370, -0.8770, -1.3004



17.3247, 29.1377, -84.5544



3.7152, 1.8056, -8.5414



# Previews

## White Background



This preview shows how the HunterLab color 57.2196, -5.7949, 23.4385 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

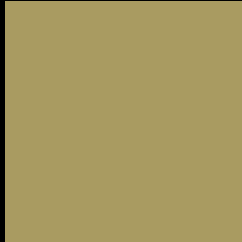
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.2196, -5.7949, 23.4385 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

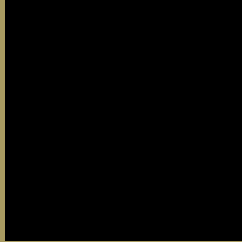
Any Text WCAG AA ✓ Pass

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 57.2196, -5.7949, 23.4385 Background



This preview shows how black text looks on a background with the HunterLab color 57.2196, -5.7949, 23.4385.



This preview shows how white text looks on a background with the HunterLab color 57.2196, -5.7949,



# 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

57.2196, -5.7949, 23.4385

### Protanopia

57.2196, -5.7949, 23.4385

### Deuteranopia

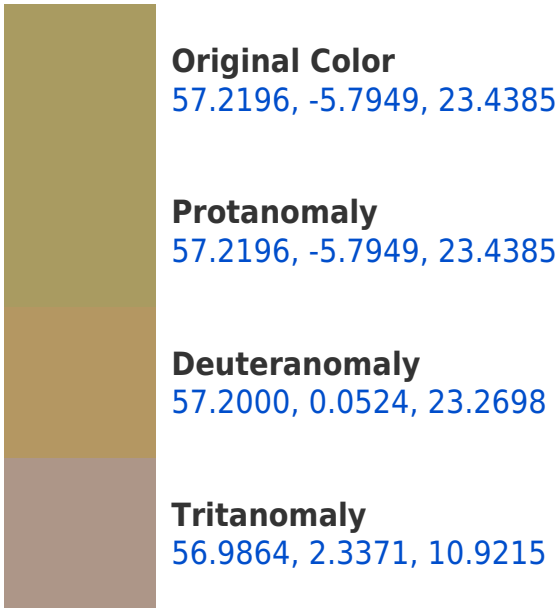
57.1362, 4.1557, 23.0305



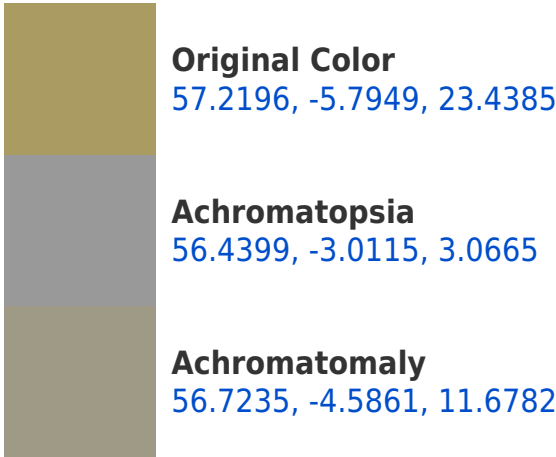
## Tritanopia

57.0971, 8.2368, 1.2665

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.2196, -5.7949, 23.4385 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(169, 155, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 97)  
}
```

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(169, 155, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 97) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.2196, -5.7949, 23.4385 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(169, 155, 97) }
```



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

```
.border{ border-color:rgb(169, 155, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
97) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.2196, -5.7949, 23.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 97) }
```

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

```
.background{ background-color: rgb(169,  
155, 97) }
```

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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