

# Converting Colors

HunterLab(69.8499, -23.7849,  
23.6294)

Have a look what the booklet for  
HunterLab(69.8499, -23.7849,  
23.6294) contains.

<b>HunterLab(69.7672, -23.4872, 23.4119)</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(69.7672,  
-23.4872, 23.4119)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0C486
RGB	160, 196, 134
RGB Percent	63%, 77%, 53%
CMY	0.3725, 0.2314, 0.4745
CMYK	0.18, 0.00, 0.32, 0.23
HSL	95°, 34%, 65%
HSV	95°, 32%, 77%
XYZ	38.5402, 48.6746, 29.9180
YIQ	178.1680, -1.5540, -26.9140

# Conversions

## Conversions Part 2

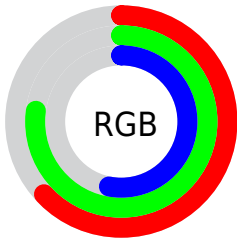
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 196, 170</a>
Decimal	<a href="#">10536070</a>
CIELab	<a href="#">75.25, -23.23, 27.30</a>
CIELCh	<a href="#">75, 35.851, 130.398</a>
Yxy	<a href="#">48.6767, 0.3290, 0.4156</a>
Android (android.graphics.Color)	<a href="#">4288726150 (0xFFA0C486)</a>
YUV	<a href="#">178.1680, -21.7748, -15.9333</a>
Hunter-Lab	<a href="#">69.7672, -23.4872, 23.4119</a>

# Details

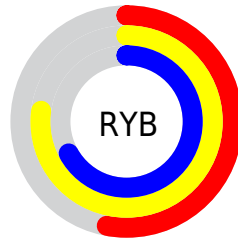
The HunterLab color  $69.7672, -23.4872, 23.4119$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $54.3903, 19.9056, -23.0684$ , and the grayscale version is  $66.8831, -3.5687, 3.6339$ .

A 20% lighter version of the original color is  $93.9832, -27.2923, 27.4200$ , and  $48.0748, -19.7607, 18.9334$  is the 20% darker color. If you saturate the color by 10%, you get  $68.6000, -28.6506, 27.9066$ , and if you desaturate by 10%, it is  $71.0652, -17.8181, 18.1165$ .

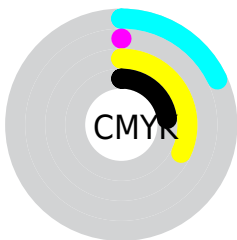
# Distribution



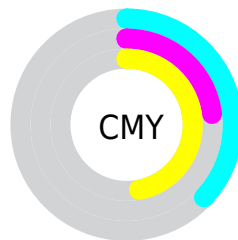
- Red (63%)
- Green (77%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7672, -23.4872, 23.4119 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 69.7672, -23.4872, 23.4119 by changing the saturation by 10% instead.



■ 69.7672, -23.4872,  
23.4119

■ 69.7672, -23.4872,  
23.4119

195.3121,  
-39.1257, 40.8760

■ 58.6201, -21.6412,  
21.2852

■ 93.9208, -27.0745,  
27.4932

■ 48.1380, -19.7404,  
19.0766

■ 106.8647,  
-28.8295, 29.4704

■ 38.3681, -17.7675,  
16.7610

■ 120.3541,  
-30.5674, 31.4172

■ 29.3664, -15.6938,  
14.3011

134.3676,  
-32.2924, 33.3397

■ 21.2053, -13.4738,  
11.6422

148.8864,  
-34.0082, 35.2431

■ 13.9825, -11.0270,  
9.7877

163.8935,

■ 7.6235, -13.3412,

-35.7176, 37.1315

5.3365

179.3734,  
-37.4227, 39.0082

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7672, -23.4872,  
23.4119

■ 69.7672, -23.4872,  
23.4119

■ 68.6000, -28.6506,  
27.9066

■ 71.0652, -17.8181,  
18.1165

■ 67.5595, -33.2774,  
31.5876

■ 72.4880, -11.6701,  
12.0414

■ 66.6462, -37.3507,  
34.4593

■ 74.0350, -5.0802,  
5.2194

■ 65.8580, -40.8618,  
36.5438


■ 75.7033, 1.9143,  
-2.3105


■ 65.1907, -43.8139,


■ 77.4893, 9.2752,


37.8852


-10.5049


 64.6381, -46.2263,  
38.5563

 79.3892, 16.9650,  
-19.3178

 64.2527, -47.8877,  
38.7539

 80.7277, 21.4987,  
-19.3637

 81.9884, 25.4527,  
-17.4492

 82.4390, 26.8526,  
-16.7732

# Harmonies

## Analogous

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



69.7687, -9.4726, 27.8018



69.7672, -23.4872, 23.4119



69.7687, -31.6749, 13.3579

# Triad

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



69.7687, -23.4888, 23.4126



69.7687, -14.2566, -31.8804



69.7687, 31.0491, 9.1294

# Complementary

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



69.7672, -23.4872, 23.4119



54.3903, 19.9056, -23.0684

# 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.



69.7687, 29.4585, -7.3419



69.7672, -23.4872, 23.4119



69.7687, 2.2120, -33.7819

# Square

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



69.7687, -23.4888, 23.4126



69.7687, -26.7049, -19.2494



69.7687, 18.5143, -23.9558



69.7687, 22.6742, 20.9508



# Rectangle

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



69.7672, -23.4872, 23.4119



69.7687, -33.2327, 3.5835



69.7687, 18.5143, -23.9558



69.7687, 31.6801, 4.0112

# Sweetspot

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



69.7687, -23.4888, 23.4126



98.0656, -13.5503, 14.0106



64.7182, 0.6055, 19.2265



45.2309, -6.8627, 7.0879

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

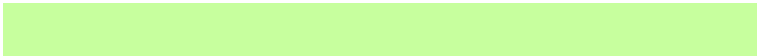


# Same Dimension

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



69.7687, -23.4888, 23.4126



92.7888, -36.5259, 35.8382



68.1096, -29.6400, 20.4740



33.8534, -4.7460, 4.9065



51.5497, -38.1904, 31.0961



10.9024, -7.1667, 6.5926



# Inverse Universe

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



54.3903, 19.9056, -23.0684



67.8671, 34.1306, -40.2342



57.0851, 27.6526, -16.0578



31.6706, 1.3657, -1.5869



22.1427, 49.4851, -75.3415



5.0162, 10.7961, -13.8574



# Previews

## White Background



This preview shows how the HunterLab color 69.7672, -23.4872, 23.4119 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 69.7672, -23.4872, 23.4119 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 69.7672, -23.4872, 23.4119 Background



This preview shows how black text looks on a background with the HunterLab color 69.7672, -23.4872, 23.4119.



This preview shows how white text looks on a background with the HunterLab color 69.7672,

-23.4872, 23.4119.

# 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

69.7672, -23.4872, 23.4119

### Protanopia

69.6866, -6.3505, 25.1591

### Deuteranopia

69.4152, 5.0996, 22.3251



## Tritanopia

69.5349, -6.1464, -4.9051

# Trichromacy



## Original Color

69.7672, -23.4872, 23.4119

## Protanomaly

69.5329, -13.0879, 24.3071

## Deuteranomaly

69.2513, -6.0194, 22.3044

## Tritanomaly

69.3601, -13.0987, 6.9541

# Monochromacy



## Original Color

69.7672, -23.4872, 23.4119

## Achromatopsia

66.7234, -3.5602, 3.6252

## Achromatomaly

67.7971, -11.5795, 11.6803

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.7672, -23.4872, 23.4119 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(160, 196, 134)` looks like.

```
.text, #text, p{  
    color:rgb(160, 196, 134)  
}
```

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(160, 196, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.7672, -23.4872, 23.4119 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(160, 196, 134) }
```



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

```
.border{ border-color:rgb(160, 196, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 196, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 134);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.7672, -23.4872, 23.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 134) }
```

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

```
.background{ background-color: rgb(160,  
196, 134) }
```

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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