

# Converting Colors

HunterLab(59.9228, 8.4403,  
0.3126)

Have a look what the booklet for  
HunterLab(59.9228, 8.4403, 0.3126)  
contains.

<b>HunterLab(60.0047, 8.4849, 0.5186)</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(60.0047, 8.4849,  
0.5186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B79AA8</a>
RGB	<a href="#">183, 154, 168</a>
RGB Percent	<a href="#">72%, 60%, 66%</a>
CMY	<a href="#">0.2823, 0.3961, 0.3412</a>
CMYK	<a href="#">0.00, 0.16, 0.08, 0.28</a>
HSL	<a href="#">331°, 17%, 66%</a>
HSV	<a href="#">331°, 16%, 72%</a>
XYZ	<a href="#">38.1519, 36.0056, 41.9848</a>
YIQ	<a href="#">164.2670, 12.7900, 10.5020</a>

# Conversions

## Conversions Part 2

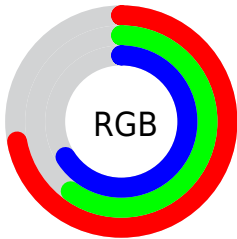
Format	Color
<a href="#">RYB</a>	<a href="#">183, 154, 168</a>
Decimal	<a href="#">12032680</a>
CIELab	<a href="#">66.53, 13.12, -3.29</a>
CIELCh	<a href="#">67, 13.528, 345.941</a>
Yxy	<a href="#">36.0072, 0.3285, 0.3100</a>
Android (android.graphics.Color)	<a href="#">4290222760</a> ( <a href="#">0xFFB79AA8</a> )
YUV	<a href="#">164.2670, 1.8404, 16.4288</a>
Hunter-Lab	<a href="#">60.0047, 8.4849, 0.5186</a>

# Details

The HunterLab color  $60.0047, 8.4849, 0.5186$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $66.0322, -14.3942, 6.7314$ , and the grayscale version is  $61.0291, -3.2564, 3.3158$ .

A 20% lighter version of the original color is  $82.9398, 8.6741, 1.3535$ , and  $39.6324, 8.1487, -0.1544$  is the 20% darker color. If you saturate the color by 10%, you get  $54.8449, 16.3354, -1.1497$ , and if you desaturate by 10%, it is  $65.4840, 0.7661, 2.4820$ .

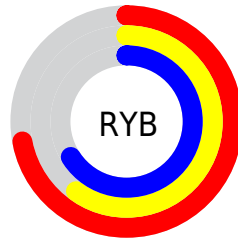
# Distribution



Red (72%)

Green (60%)

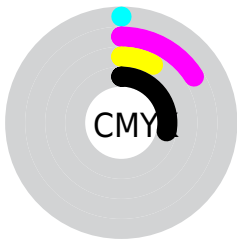
Blue (66%)



Red (72%)

Yellow (60%)

Blue (66%)

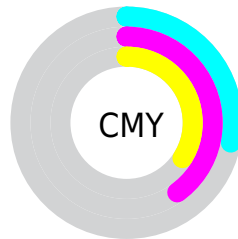


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0047, 8.4849, 0.5186 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 60.0047, 8.4849, 0.5186 by changing the saturation by 10% instead.



60.0047, 8.4849,  
0.5186

60.0047, 8.4849,  
0.5186

181.3814, 6.8926,  
5.9491

49.4366, 8.3718,  
0.1080

83.0923, 8.4972,  
1.4752

39.5729, 8.1791,  
-0.2542

95.5409, 8.4131,  
2.0129

30.4697, 7.8927,  
-0.5615

108.5557, 8.2749,  
2.5873

22.1966, 7.4955,  
-0.8062

122.1130, 8.0867,  
3.1964

14.8473, 6.9633,  
-0.9776

136.1920, 7.8516,  
3.8385

8.4995, 6.5056,  
-1.1466

150.7740, 7.5727,

0.0000, NaN, NaN

4.5122

0.0000, NaN, NaN

165.8422, 7.2523,  
5.2161

0.0000, NaN, NaN

■ 60.0047, 8.4849,  
0.5186

■ 60.0047, 8.4849,  
0.5186

■ 54.8449, 16.3354,  
-1.1497

■ 65.4840, 0.7661,  
2.4820

■ 50.0564, 24.2566,  
-2.4432

■ 71.2333, -6.7931,  
4.6742

■ 45.7083, 32.1077,  
-3.2563

■ 77.2175, -14.1958,  
7.0489

■ 41.8790, 39.6403,  
-3.4668

■ 83.4071, -21.4548,  
9.5711

■ 38.6524, 46.4699,  
-2.9531

■ 89.7784, -28.5876,  
12.2144

■ 36.1056, 52.0922,  
-1.6314

■ 93.2806, -31.4871,  
11.7413

■ 34.2870, 55.9942,  
0.4898

■ 93.5646, -29.8535,  
7.6769

■ 33.1811, 57.8881,  
3.2571

■ 93.8631, -28.1414,  
3.4162

■ 32.8292, 58.3840,  
4.4455

■ 94.1764, -26.3509,  
-1.0401

# Harmonies

## Analogous

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



60.0060, 5.3722, -4.9366



60.0047, 8.4849, 0.5186



60.0060, 8.3770, 6.2224

# Triad

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



60.0060, 8.4831, 0.5197



60.0060, -6.3619, 12.9490



60.0060, -11.0705, -5.2288

# Complementary

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



60.0047, 8.4849, 0.5186



66.0322, -14.3942, 6.7314

# 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.



60.0060, -13.9702, 0.1517



60.0047, 8.4849, 0.5186



60.0060, -11.3259, 10.4531

# Square

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



60.0060, 8.4831, 0.5197



60.0060, -0.3572, 13.0264



60.0060, -14.0618, 5.8889



60.0060, -6.0006, -8.4710



# Rectangle

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



60.0047, 8.4849, 0.5186



60.0060, 6.4915, 9.3965



60.0060, -14.0618, 5.8889



60.0060, -12.3224, -3.5877

# Sweetspot

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



60.0060, 8.4831, 0.5197



88.2097, 0.2464, 3.5354



59.1312, 6.5910, -8.3688



41.2076, 0.4521, 1.5692



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



60.0060, 8.4831, 0.5197



77.8568, 14.9804, -0.1289



59.7270, 6.0500, 6.5593



30.1372, 1.6342, 0.8383



27.4450, 48.8555, 3.3536



5.2731, 9.6081, -1.0720



# Inverse Universe

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



60.0060, 8.4831, 0.5197



77.8568, 14.9804, -0.1289



66.3006, -11.8112, 0.5843



30.1372, 1.6342, 0.8383



27.4450, 48.8555, 3.3536

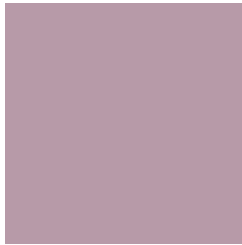


5.2731, 9.6081, -1.0720



# Previews

## White Background



This preview shows how the HunterLab color 60.0047, 8.4849, 0.5186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

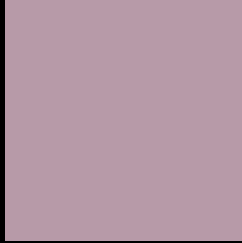
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.0047, 8.4849, 0.5186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

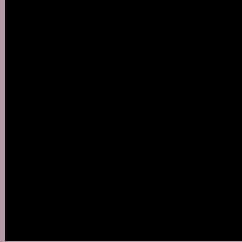
Any Text WCAG AA ✓ Pass

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 60.0047, 8.4849, 0.5186 Background



This preview shows how black text looks on a background with the HunterLab color 60.0047, 8.4849, 0.5186.



This preview shows how white text looks on a background with the HunterLab color 60.0047, 8.4849,

0.5186.

# 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

60.0047, 8.4849, 0.5186

### Protanopia

60.1246, -1.0370, -1.4576

### Deuteranopia

60.0149, 4.1626, 0.9362



## Tritanopia

59.9430, 8.1588, 1.3961

# Trichromacy



## Original Color

60.0047, 8.4849, 0.5186

## Protanomaly

59.9500, 2.7386, -1.1150

## Deuteranomaly

60.0266, 5.6446, 0.9763

## Tritanomaly

59.9737, 8.3213, 0.9588

# Monochromacy



## Original Color

60.0047, 8.4849, 0.5186

## Achromatopsia

60.9293, -3.2510, 3.3104

## Achromatomaly

60.4286, 1.0539, 2.3277

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.0047, 8.4849, 0.5186 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(183, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 168)  
}
```

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(183, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 168) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.0047, 8.4849, 0.5186 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".

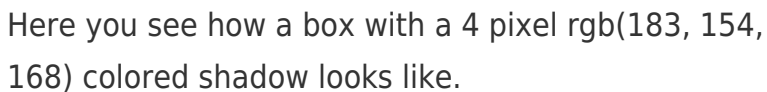
```
.border, #border, table{ border:4px solid rgb(183, 154, 168) }
```



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

```
.border{ border-color:rgb(183, 154, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 154, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 154, 168); box-shadow:4px 4px 4px 4px rgb(183, 154, 168) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.0047, 8.4849, 0.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 168) }
```

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

```
.background{ background-color: rgb(183,  
154, 168) }
```

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