

# Converting Colors

HunterLab(48.3477, 29.1471,  
4.4695)

Have a look what the booklet for  
HunterLab(48.3477, 29.1471,  
4.4695) contains.

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# Color

**HunterLab(48.3872, 29.2300,  
4.4499)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BF6C82
RGB	191, 108, 130
RGB Percent	75%, 42%, 51%
CMY	0.2510, 0.5764, 0.4902
CMYK	0.00, 0.43, 0.32, 0.25
HSL	344°, 39%, 59%
HSV	344°, 43%, 75%
XYZ	30.8777, 23.4132, 24.0109
YIQ	135.3250, 42.4060, 24.4380

# Conversions

## Conversions Part 2

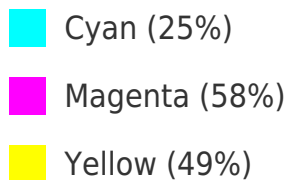
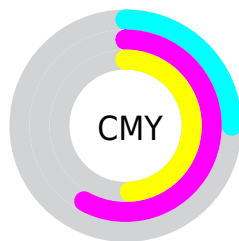
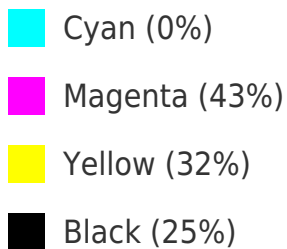
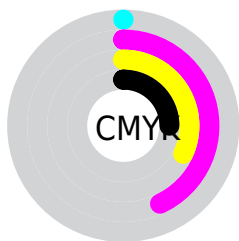
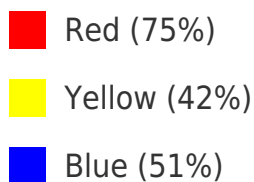
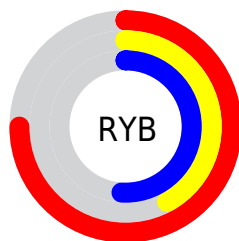
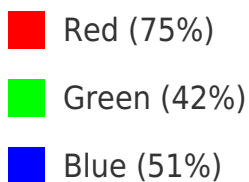
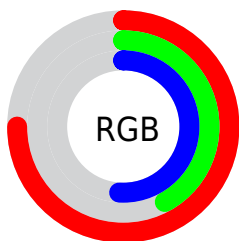
Format	Color
<a href="#">RYB</a>	<a href="#">191, 108, 130</a>
Decimal	<a href="#">12545154</a>
CIELab	<a href="#">55.50, 35.55, 2.44</a>
CIELCh	<a href="#">55, 35.631, 3.923</a>
Yxy	<a href="#">23.4144, 0.3943, 0.2990</a>
Android (android.graphics.Color)	<a href="#">4290735234</a> (0xFFBF6C82)
YUV	<a href="#">135.3250, -2.6252, 48.8270</a>
Hunter-Lab	<a href="#">48.3872, 29.2300, 4.4499</a>

# Details

The HunterLab color **48.3872, 29.2300, 4.4499** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **65.8141, -28.4451, 6.2391**, and the grayscale version is **49.3502, -2.6332, 2.6813**.

A 20% lighter version of the original color is **70.0345, 31.2792, 5.7759**, and **29.6160, 26.4641, 3.1282** is the 20% darker color. If you saturate the color by 10%, you get **44.1197, 36.8849, 5.6430**, and if you desaturate by 10%, it is **53.1951, 21.4206, 3.7274**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3872, 29.2300, 4.4499 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 48.3872, 29.2300, 4.4499 by changing the saturation by 10% instead.





 48.3872, 29.2300,  
4.4499


 48.3872, 29.2300,  
4.4499


164.2699, 36.1404,  
11.7029


 38.6002, 27.9771,  
3.7808


 70.0520, 31.3800,  
5.8776

 29.5788, 26.5978,  
3.1402


 81.8447, 32.3019,  
6.6327

 21.3960, 25.0867,  
2.5291

 94.2335, 33.1325,  
7.4147

 14.1484, 23.4683,  
1.9459

 107.1912, 33.8790,  
8.2228










 7.8007, 23.0141,  
1.7201


120.6938, 34.5479,  
9.0563


0.0000, INF, NaN


0.0000, NaN, NaN


134.7200, 35.1447,


9.9146	0.0000, NaN, NaN
149.2510, 35.6741, 10.7970	0.0000, NaN, NaN
 48.3872, 29.2300, 4.4499	 48.3872, 29.2300, 4.4499
 44.1197, 36.8849, 5.6430	 53.1951, 21.4206, 3.7274
 40.4848, 44.0448, 7.3370	 58.4541, 13.6677, 3.4128
 37.5780, 50.2062, 9.5062	 64.0936, 6.0690, 3.4423
 35.4692, 54.7983, 12.0304	 70.0555, -1.3389, 3.7565
 34.1702, 57.3952, 14.6881	 76.2931, -8.5539, 4.3052

 33.6334, 58.2989,  
16.3015

 82.7695, -15.5909,  
5.0477

 89.4549, -22.4714,  
5.9510

 94.3534, -26.4120,  
4.7395

 94.7715, -24.0320,  
-1.2105

# Harmonies

## Analogous

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



48.3884, 25.7408, -10.8503



48.3872, 29.2300, 4.4499



48.3884, 23.3837, 15.4438

# Triad

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



48.3884, 29.2275, 4.4509



48.3884, -17.4729, 20.1511



48.3884, -14.4763, -28.5605

# Complementary

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



48.3872, 29.2300, 4.4499



65.8141, -28.4451, 6.2391

# 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.



48.3884, -24.0188, -15.0533



48.3872, 29.2300, 4.4499



48.3884, -25.5973, 13.0923

# Square

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



48.3884, 29.2275, 4.4509



48.3884, -4.5174, 22.6145



48.3884, -27.8425, 0.7436



48.3884, -0.6207, -32.9331



# Rectangle

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



48.3872, 29.2300, 4.4499



48.3884, 15.3515, 19.8109



48.3884, -27.8425, 0.7436



48.3884, -18.2371, -24.7726

# Sweetspot

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



48.3884, 29.2275, 4.4509



85.9676, 7.8741, 4.6128



47.8626, 32.2294, -31.0016



39.4743, 4.7446, 2.1397



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



48.3884, 29.2275, 4.4509



59.3807, 48.7310, 7.4319



52.3774, 16.8159, 16.5077



30.9464, 1.3971, 1.6472



27.2868, 47.3395, 12.9035



5.5037, 9.7481, 1.0533



# Inverse Universe

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



48.3884, 29.2275, 4.4509



59.3807, 48.7310, 7.4319



60.2630, -15.7938, -11.6372



30.9464, 1.3971, 1.6472



27.2868, 47.3395, 12.9035

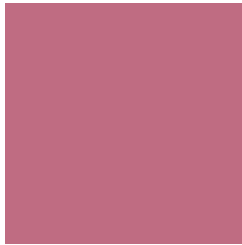


5.5037, 9.7481, 1.0533



# Previews

## White Background



This preview shows how the HunterLab color 48.3872, 29.2300, 4.4499 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

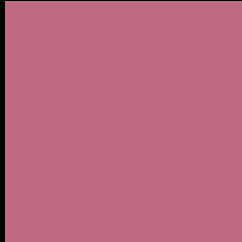
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 48.3872, 29.2300, 4.4499 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

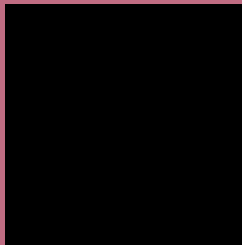
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 48.3872, 29.2300, 4.4499 Background



This preview shows how black text looks on a background with the HunterLab color 48.3872, 29.2300, 4.4499.



This preview shows how white text looks on a background with the HunterLab color 48.3872, 29.2300,



# 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

48.3872, 29.2300, 4.4499

### Protanopia

48.7598, -0.7856, -2.0519

### Deuteranopia

48.5762, 3.2220, 5.8966



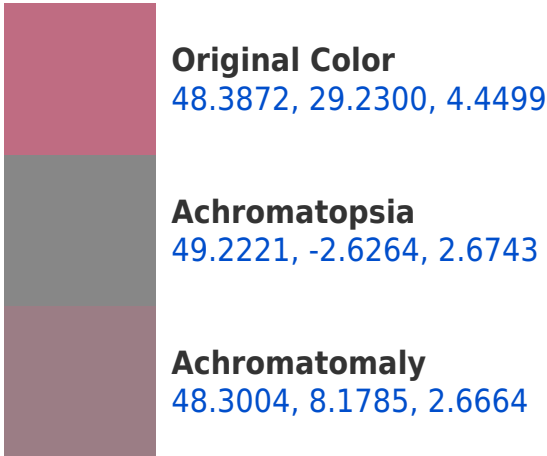
## Tritanopia

48.3808, 26.3174, 9.2685

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.3872, 29.2300, 4.4499 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(191, 108, 130)` looks like.

```
.text, #text, p{  
    color:rgb(191, 108, 130)  
}
```

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(191, 108, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 108, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.3872, 29.2300, 4.4499 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(191, 108, 130) }
```



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

```
.border{ border-color:rgb(191, 108, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 108, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 108, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 108, 130);  
box-shadow:4px 4px 4px 4px rgb(191, 108,  
130) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.3872, 29.2300, 4.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 108, 130) }
```

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

```
.background{ background-color: rgb(191,  
108, 130) }
```

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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