

# Converting Colors

HunterLab(42.9170, 28.8293,  
-27.8107)

Have a look what the booklet for  
HunterLab(42.9170, 28.8293,  
-27.8107) contains.

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# Color

**HunterLab(42.8239, 29.0741,  
-27.8399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9961AD
RGB	153, 97, 173
RGB Percent	60%, 38%, 68%
CMY	0.4000, 0.6196, 0.3216
CMYK	0.12, 0.44, 0.00, 0.32
HSL	284°, 32%, 53%
HSV	284°, 44%, 68%
XYZ	24.9544, 18.3389, 41.7597
YIQ	122.4080, 8.9800, 35.5080

# Conversions

## Conversions Part 2

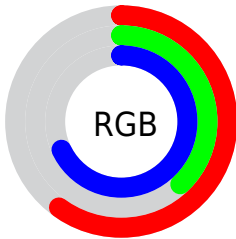
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 97, 173
Decimal	10052013
CIE <sub>Lab</sub>	49.91, 36.09, -31.68
CIE <sub>LCh</sub>	50, 48.024, 318.724
Yxy	18.3396, 0.2934, 0.2156
Android (android.graphics.Color)	4288242093 (0xFF9961AD)
YUV	122.4080, 24.9419, 26.8292
Hunter-Lab	42.8239, 29.0741, -27.8399

# Details

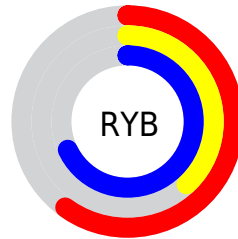
The HunterLab color  $42.8239, 29.0741, -27.8399$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $58.7644, -28.6062, 24.2983$ , and the grayscale version is  $44.1788, -2.3573, 2.4003$ .

A 20% lighter version of the original color is  $63.8023, 31.5459, -29.0192$ , and  $24.8582, 26.1703, -26.6064$  is the 20% darker color. If you saturate the color by 10%, you get  $38.7930, 36.4892, -35.8819$ , and if you desaturate by 10%, it is  $47.2698, 21.5292, -20.0846$ .

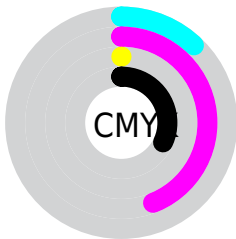
# Distribution



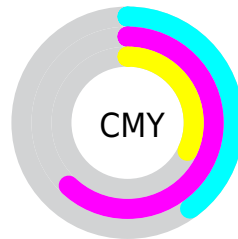
- Red (60%)
- Green (38%)
- Blue (68%)



- Red (60%)
- Yellow (38%)
- Blue (68%)



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (62%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8239, 29.0741, -27.8399 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 42.8239, 29.0741, -27.8399 by changing the saturation by 10% instead.



42.8239, 29.0741, -27.8399

42.8239, 29.0741, -27.8399

155.8135, 36.5994, -31.4402

33.4576, 27.7294, -27.2427

63.7301, 31.3948, -28.9805

24.8949, 26.2546, -26.6989

75.1758, 32.3927, -29.4880

17.2208, 24.6579, -26.3547

87.2350, 33.2942, -29.9440

10.5536, 23.0150, -26.6371

99.8778, 34.1073, -30.3469

0.0000, INF, -NF

0.0000, NaN, -NF

113.0785, 34.8387, -30.6969

0.0000, NaN, NaN

126.8144, 35.4945,

0.0000, NaN, NaN

-30.9947

0.0000, NaN, NaN

141.0654, 36.0799,  
-31.2419

■ 42.8239, 29.0741,  
-27.8399

■ 42.8239, 29.0741,  
-27.8399

■ 38.7930, 36.4892,  
-35.8819

■ 47.2698, 21.5292,  
-20.0846

■ 35.2511, 43.4884,  
-44.0131

■ 52.0624, 14.0196,  
-12.6980

■ 32.2807, 49.6233,  
-51.8549

■ 57.1489, 6.6216,  
-5.6859

■ 29.9532, 54.3224,  
-58.8492

■ 62.4863, -0.6367,  
0.9795

■ 28.3019, 57.0569,  
-64.3849

■ 68.0404, -7.7535,  
7.3395

■ 27.5059, 58.0735,  
-67.2546

■ 73.7837, -14.7400,  
13.4378

■ 79.6944, -21.6123,  
19.3158

■ 85.7544, -28.3882,  
25.0100

■ 91.9494, -35.0843,  
30.5517

# Harmonies

## Analogous

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



42.8248, 10.1950, -45.9269



42.8239, 29.0741, -27.8399



42.8248, 40.1717, -5.1048

# Triad

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



42.8248, 29.0730, -27.8386



42.8248, 5.1584, 24.4276



42.8248, -31.8961, -10.5169

# Complementary

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



42.8239, 29.0741, -27.8399



58.7644, -28.6062, 24.2983

# 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.



42.8248, -32.7641, 8.6341



42.8239, 29.0741, -27.8399



42.8248, -13.4858, 24.0136

# Square

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



42.8248, 29.0730, -27.8386



42.8248, 24.8324, 21.1931



42.8248, -26.6109, 19.6069



42.8248, -23.9853, -33.2657



# Rectangle

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



42.8239, 29.0741, -27.8399



42.8248, 40.5594, 7.3143



42.8248, -26.6109, 19.6069



42.8248, -32.9621, -3.3338

# Sweetspot

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



42.8248, 29.0730, -27.8386



76.9710, 8.1735, -6.9687



42.8301, 3.6728, -28.2733



35.1842, 4.7933, -4.1660



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



42.8248, 29.0730, -27.8386



51.9165, 48.8294, -48.0164



44.5083, 32.1890, -13.4772



28.3557, 1.5455, -1.2198



23.6366, 49.8556, -57.4177



4.2428, 8.7191, -8.5241



# Inverse Universe

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



43.2651, 26.2728, 4.0557



52.8294, 44.2633, 6.8659



58.0178, -30.9126, 18.7151



28.3702, 1.2439, 1.5160



25.8404, 44.8346, 12.1847

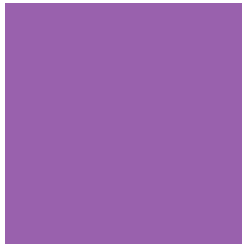


4.4137, 7.8584, 0.5276



# Previews

## White Background



This preview shows how the HunterLab color 42.8239, 29.0741, -27.8399 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.8239, 29.0741, -27.8399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

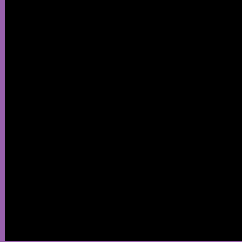
Any Text WCAG AA ✓ Pass

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 42.8239, 29.0741, -27.8399 Background



This preview shows how black text looks on a background with the HunterLab color 42.8239, 29.0741, -27.8399.



This preview shows how white text looks on a background with the HunterLab color 42.8239, 29.0741, -27.8399.

-27.8399.

# 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

42.8239, 29.0741, -27.8399

### Protanopia

43.2024, 6.9061, -40.1137

### Deuteranopia

43.1140, 3.2419, -24.9960



## Tritanopia

42.7376, 10.4785, 2.7404

# Trichromacy



## Original Color

42.8239, 29.0741, -27.8399

## Protanomaly

42.6497, 13.9528, -36.5155

## Deuteranomaly

42.4820, 12.1180, -26.6875

## Tritanomaly

42.7013, 16.6174, -6.7824

# Monochromacy



## Original Color

42.8239, 29.0741, -27.8399

## Achromatopsia

44.1155, -2.3539, 2.3969

## Achromatomaly

43.2665, 8.3868, -7.7243

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8239, 29.0741, -27.8399 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(153, 97, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 97, 173)  
}
```

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(153, 97, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 97, 173) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8239, 29.0741, -27.8399 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(153, 97, 173) }
```



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

```
.border{ border-color:rgb(153, 97, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 97, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 97, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 97, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 97,  
173) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8239, 29.0741, -27.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 97, 173) }
```

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

```
.background{ background-color: rgb(153, 97,  
173) }
```

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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