

# Converting Colors

HunterLab(42.7989, 33.9730,  
-16.6043)

Have a look what the booklet for  
HunterLab(42.7989, 33.9730,  
-16.6043) contains.

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# Color

**HunterLab(42.7989, 33.9730,  
-16.6043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A95B9C
RGB	169, 91, 156
RGB Percent	66%, 36%, 61%
CMY	0.3373, 0.6431, 0.3882
CMYK	0.00, 0.46, 0.08, 0.34
HSL	310°, 31%, 51%
HSV	310°, 46%, 66%
XYZ	26.1040, 18.3175, 33.6122
YIQ	121.7320, 25.6230, 36.7510

# Conversions

## Conversions Part 2

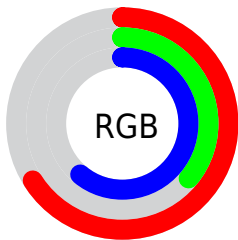
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 91, 156
Decimal	11099036
CIE <sub>Lab</sub>	49.88, 41.04, -21.58
CIE <sub>LCh</sub>	50, 46.373, 332.263
Yxy	18.3183, 0.3345, 0.2347
Android (android.graphics.Color)	4289289116 (0xFFA95B9C)
YUV	121.7320, 16.8941, 41.4540
Hunter-Lab	42.7989, 33.9730, -16.6043

# Details

The HunterLab color  $42.7989, 33.9730, -16.6043$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $56.2140, -31.6861, 20.2695$ , and the grayscale version is  $43.9415, -2.3446, 2.3874$ .

A 20% lighter version of the original color is  $63.6528, 37.0781, -17.5323$ , and  $24.8643, 30.9966, -16.0045$  is the 20% darker color. If you saturate the color by 10%, you get  $39.5633, 41.6769, -20.1745$ , and if you desaturate by 10%, it is  $46.5155, 25.8809, -12.5874$ .

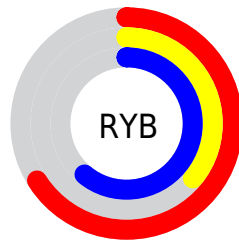
# Distribution



Red (66%)

Green (36%)

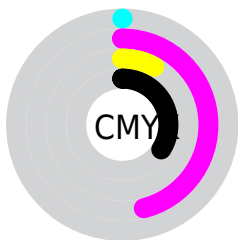
Blue (61%)



Red (66%)

Yellow (36%)

Blue (61%)

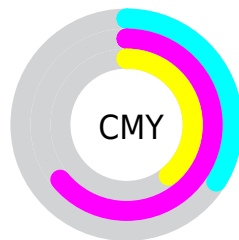


Cyan (0%)

Magenta (46%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (64%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7989, 33.9730, -16.6043 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 42.7989, 33.9730, -16.6043 by changing the saturation by 10% instead.



42.7989, 33.9730,  
-16.6043

42.7989, 33.9730,  
-16.6043

155.7752, 43.1325,  
-17.7461

33.4346, 32.4353,  
-16.1782

63.7016, 36.6810,  
-17.2641

24.8741, 30.7786,  
-15.7025

75.1458, 37.8692,  
-17.4995

17.2024, 29.0306,  
-15.2142

87.2034, 38.9571,  
-17.6745

10.5380, 27.3239,  
-14.8431

99.8448, 39.9524,  
-17.7921

0.0000, INF, -NF

0.0000, NaN, -NF

113.0440, 40.8619,  
-17.8553

0.0000, NaN, NaN

126.7786, 41.6916,

0.0000, NaN, NaN

-17.8670

0.0000, NaN, NaN

141.0283, 42.4469,  
-17.8298

■ 42.7989, 33.9730,  
-16.6043

■ 42.7989, 33.9730,  
-16.6043

■ 39.5633, 41.6769,  
-20.1745

■ 46.5155, 25.8809,  
-12.5874

■ 36.8720, 48.6110,  
-23.0753

■ 50.6443, 17.6749,  
-8.3023

■ 34.7809, 54.3040,  
-25.0592

■ 55.1271, 9.5166,  
-3.8687

■ 33.3169, 58.3156,  
-25.9288

■ 59.9129, 1.4920,  
0.6363

■ 32.4450, 60.4561,  
-25.6541

■ 64.9595, -6.3626,  
5.1669

■ 32.1764, 61.0640,  
-25.4169

■ 70.2322, -14.0401,  
9.6975

■ 75.7028, -21.5492,  
14.2155

■ 81.3481, -28.9061,  
18.7159

■ 87.1492, -36.1294,  
23.1980

# Harmonies

## Analogous

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



42.7999, 18.4073, -37.3031



42.7989, 33.9730, -16.6043



42.7999, 39.3770, 3.6443

# Triad

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



42.7999, 33.9713, -16.6031



42.7999, -3.6814, 24.2258



42.7999, -28.4054, -19.9576

# Complementary

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



42.7989, 33.9730, -16.6043



56.2140, -31.6861, 20.2695

# 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.



42.7999, -32.3480, 0.9720



42.7989, 33.9730, -16.6043



42.7999, -19.6685, 22.2038

# Square

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



42.7999, 33.9713, -16.6031



42.7999, 15.5615, 22.7626



42.7999, -29.4410, 15.2769



42.7999, -17.6166, -39.7499



# Rectangle

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



42.7989, 33.9730, -16.6043



42.7999, 35.8633, 13.2698



42.7999, -29.4410, 15.2769



42.7999, -30.4838, -12.5764

# Sweetspot

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



42.7999, 33.9713, -16.6031



74.9623, 10.6779, -4.0361



36.4565, 17.5390, -38.2751



34.3923, 6.0324, -2.4650



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.



42.7999, 33.9713, -16.6031



53.0126, 55.6082, -26.9249



41.4758, 27.7579, 1.9837



27.6493, 1.8882, -0.3687



27.7900, 52.7595, -22.1056



4.3980, 8.4519, -4.2911



# Inverse Universe

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



42.7999, 33.9713, -16.6031



53.0126, 55.6082, -26.9249



57.0822, -26.5299, 7.7169



27.6493, 1.8882, -0.3687



27.7900, 52.7595, -22.1056

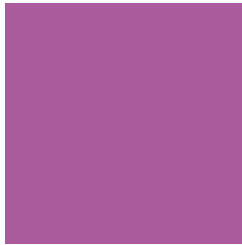


4.3980, 8.4519, -4.2911



# Previews

## White Background



This preview shows how the HunterLab color 42.7989, 33.9730, -16.6043 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

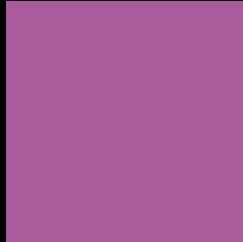
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.7989, 33.9730, -16.6043 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

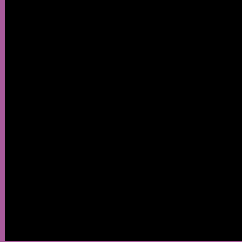
Any Text WCAG AA ✓ Pass

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 42.7989, 33.9730, -16.6043 Background



This preview shows how black text looks on a background with the HunterLab color 42.7989, 33.9730, -16.6043.



This preview shows how white text looks on a background with the HunterLab color 42.7989, 33.9730, -16.6043.

-16.6043.

# 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

42.7989, 33.9730, -16.6043

### Protanopia

43.0230, 4.9641, -30.0069

### Deuteranopia

43.0515, 2.9674, -13.7414



## Tritanopia

42.7832, 19.9379, 6.6617

# Trichromacy



## Original Color

42.7989, 33.9730, -16.6043

## Protanomaly

42.2786, 13.9827, -26.3427

## Deuteranomaly

42.5363, 13.4506, -15.5609

## Tritanomaly

42.6178, 24.9623, -0.7626

# Monochromacy



## Original Color

42.7989, 33.9730, -16.6043

## Achromatopsia

44.1155, -2.3539, 2.3969

## Achromatomaly

43.1035, 10.0225, -4.2884

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.7989, 33.9730, -16.6043 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, 91, 156)` looks like.

```
.text, #text, p{  
    color:rgb(169, 91, 156)  
}
```

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, 91, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 91, 156) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.7989, 33.9730, -16.6043 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, 91, 156) }
```



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

```
.border{ border-color:rgb(169, 91, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 91, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 91, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 91, 156);  
box-shadow:4px 4px 4px 4px rgb(169, 91,  
156) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.7989, 33.9730, -16.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 91, 156) }
```

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

```
.background{ background-color: rgb(169, 91,  
156) }
```

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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