

# Converting Colors

HunterLab(27.7307, 49.3712,  
3.3329)

Have a look what the booklet for  
HunterLab(27.7307, 49.3712,  
3.3329) contains.

<b>HunterLab(27.7307, 49.3712, 3.3329)</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(27.7307, 49.3712,  
3.3329)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D004C
RGB	157, 0, 76
RGB Percent	62%, 0%, 30%
CMY	0.3843, 0.9999, 0.7020
CMYK	0.00, 1.00, 0.52, 0.38
HSL	331°, 100%, 31%
HSV	331°, 100%, 62%
XYZ	15.2092, 7.6899, 7.5202
YIQ	55.6070, 69.1760, 56.9200

# Conversions

## Conversions Part 2

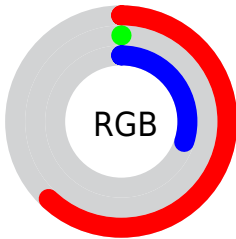
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 0, 76
Decimal	10289228
CIE <sub>Lab</sub>	33.33, 58.83, 2.99
CIE <sub>LCh</sub>	33, 58.901, 2.913
Yxy	7.6904, 0.5000, 0.2528
Android (android.graphics.Color)	4288479308 (0xFF9D004C)
YUV	55.6070, 10.0537, 88.9217
Hunter-Lab	27.7307, 49.3712, 3.3329

# Details

The HunterLab color **27.7307, 49.3712, 3.3329** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **49.7076, -38.3544, 20.6676**, and the grayscale version is **19.7069, -1.0515, 1.0707**.

A 20% lighter version of the original color is **46.2615, 53.7094, 4.5802**, and **16.6206, 29.1240, 5.6187** is the 20% darker color. If you saturate the color by 10%, you get **27.7304, 49.3701, 3.3370**, and if you desaturate by 10%, it is **28.5870, 47.9425, 1.0155**.

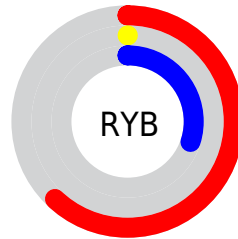
# Distribution



Red (62%)

Green (0%)

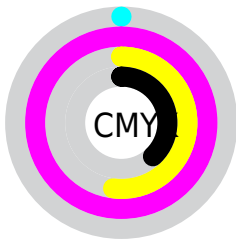
Blue (30%)



Red (62%)

Yellow (0%)

Blue (30%)

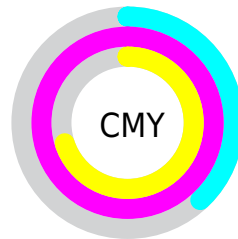


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7307, 49.3712, 3.3329 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 27.7307, 49.3712, 3.3329 by changing the saturation by 10% instead.



27.7307, 49.3712,  
3.3329

27.7307, 49.3712,  
3.3329

131.6370, 65.2346,  
10.3022

19.7420, 47.3118,  
2.6888

46.2052, 53.5367,  
4.7000

12.7137, 45.6152,  
2.0648

56.5543, 55.5070,  
5.4230

6.0713, 53.5786,  
2.3739

67.5781, 57.3761,  
6.1726

0.0000, INF, NaN

0.0000, NaN, NaN

79.2375, 59.1416,  
6.9484

0.0000, NaN, NaN

91.4996, 60.8059,  
7.7497

0.0000, NaN, NaN

0.0000, NaN, NaN

104.3362, 62.3729,

8.5762

0.0000, NaN, NaN

117.7226, 63.8475,  
9.4272

27.7307, 49.3712,  
3.3329

27.7307, 49.3712,  
3.3329

27.7304, 49.3701,  
3.3370

28.5870, 47.9425,  
1.0155

29.9107, 45.2070,  
-0.9403

31.8385, 40.9427,  
-2.2601

34.3436, 35.5357,  
-2.9037

37.3687, 29.4141,  
-2.9199

■ 40.8458, 22.9303,  
-2.4021

■ 44.7086, 16.3253,  
-1.4524

■ 48.8987, 9.7422,  
-0.1625

■ 53.3668, 3.2546,  
1.3934

# Harmonies

## Analogous

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



27.7315, 42.6215, -21.3295



27.7307, 49.3712, 3.3329



27.7315, 39.5687, 15.0685

# Triad

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



27.7315, 49.3681, 3.3337



27.7315, -19.6891, 18.2137



27.7315, -17.1340, -56.2200

# Complementary

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



27.7307, 49.3712, 3.3329



49.7076, -38.3544, 20.6676

# 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.



27.7315, -27.2639, -27.2596



27.7307, 49.3712, 3.3329



27.7315, -28.4127, 13.6666

# Square

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



27.7315, 49.3681, 3.3337



27.7315, -3.4401, 19.4121



27.7315, -30.7236, -0.4477



27.7315, 0.5337, -67.2531



# Rectangle

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



27.7307, 49.3712, 3.3329



27.7315, 26.2556, 17.8458



27.7315, -30.7236, -0.4477



27.7315, -21.3403, -47.5717

# Sweetspot

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



27.7315, 49.3681, 3.3337



59.5122, 22.3712, -2.0327



20.1896, 46.6259, -80.4174



26.9499, 12.1124, -1.2091



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805



# Same Dimension

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



27.7315, 49.3681, 3.3337



37.0583, 65.8808, 5.2080



26.7743, 45.8472, 17.2994



25.8785, 1.3412, 0.7307



25.0058, 44.5472, 2.7941



3.4688, 6.4082, -1.3851



# Inverse Universe

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



27.7315, 49.3681, 3.3337



37.0583, 65.8808, 5.2080



51.5251, -27.3155, -5.4340



25.8785, 1.3412, 0.7307



25.0058, 44.5472, 2.7941



3.4688, 6.4082, -1.3851



# Previews

## White Background



This preview shows how the HunterLab color 27.7307, 49.3712, 3.3329 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

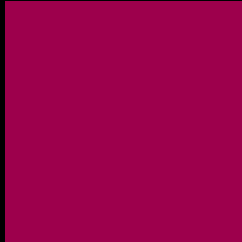
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 27.7307, 49.3712, 3.3329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

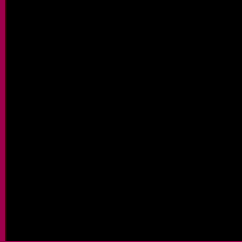
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 27.7307, 49.3712, 3.3329 Background



This preview shows how black text looks on a background with the HunterLab color 27.7307, 49.3712, 3.3329.



This preview shows how white text looks on a background with the HunterLab color 27.7307, 49.3712,



# 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

27.7307, 49.3712, 3.3329

### Protanopia

29.0295, 1.4922, -12.2153

### Deuteranopia

28.7370, 1.9781, 6.1260



## Tritanopia

28.2681, 40.2995, 15.5479

# Trichromacy



## Original Color

27.7307, 49.3712, 3.3329

## Protanomaly

25.0617, 21.2518, -11.5221

## Deuteranomaly

25.5558, 22.6548, 1.9202

## Tritanomaly

27.8189, 44.0757, 12.1818

# Monochromacy



## Original Color

27.7307, 49.3712, 3.3329

## Achromatopsia

19.8862, -1.0611, 1.0805

## Achromatomaly

19.8690, 19.5120, -1.4480

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.7307, 49.3712, 3.3329 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(157, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 76)  
}
```

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(157, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.7307, 49.3712, 3.3329 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(157, 0, 76) }
```



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

```
.border{ border-color:rgb(157, 0, 76) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(157, 0, 76)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.7307, 49.3712, 3.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 76) }
```

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

```
.background{ background-color: rgb(157, 0,  
76) }
```

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