

# Converting Colors

HunterLab(29.7811, 51.7238,  
-57.2982)

Have a look what the booklet for  
HunterLab(29.7811, 51.7238,  
-57.2982) contains.

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# Color

**HunterLab(29.7974, 51.9863,  
-57.3910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8420AB
RGB	132, 32, 171
RGB Percent	52%, 13%, 67%
CMY	0.4823, 0.8745, 0.3294
CMYK	0.23, 0.81, 0.00, 0.33
HSL	283°, 68%, 40%
HSV	283°, 81%, 67%
XYZ	17.3829, 8.8789, 39.3257
YIQ	77.7460, 14.9810, 64.4290

# Conversions

## Conversions Part 2

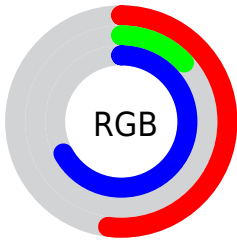
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 32, 171
Decimal	8659115
CIE <sub>Lab</sub>	35.75, 60.75, -53.21
CIE <sub>LCh</sub>	36, 80.756, 318.789
Yxy	8.8792, 0.2650, 0.1354
Android (android.graphics.Color)	4286849195 (0xFF8420AB)
YUV	77.7460, 45.9742, 47.5808
Hunter-Lab	29.7974, 51.9863, -57.3910

# Details

The HunterLab color **29.7974, 51.9863, -57.3910** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55.2901, -40.5107, 31.8947**, and the grayscale version is **27.3473, -1.4592, 1.4858**.

A 20% lighter version of the original color is **48.6592, 56.1063, -57.5844**, and **16.9876, 36.7913, -48.7085** is the 20% darker color. If you saturate the color by 10%, you get **27.9409, 55.2552, -63.5718**, and if you desaturate by 10%, it is **32.3219, 46.9138, -49.9369**.

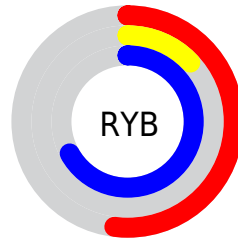
# Distribution



Red (52%)

Green (13%)

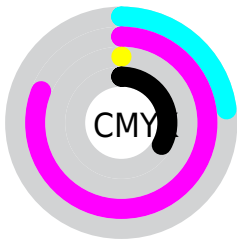
Blue (67%)



Red (52%)

Yellow (13%)

Blue (67%)

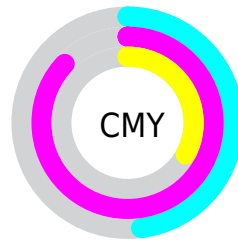


Cyan (23%)

Magenta (81%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (87%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7974, 51.9863, -57.3910 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 29.7974, 51.9863, -57.3910 by changing the saturation by 10% instead.



29.7974, 51.9863,  
-57.3910

29.7974, 51.9863,  
-57.3910

135.0830, 68.1706,  
-62.8991

21.5927, 49.8823,  
-58.2086

48.6465, 56.2189,  
-57.7978

14.3200, 48.0773,  
-60.8603

59.1629, 58.2214,  
-58.4122

7.9789, 48.7771,  
-69.8927

70.3439, 60.1243,  
-59.1308

0.0000, INF, -NF

0.0000, NaN, -NF

82.1521, 61.9253,  
-59.8952

0.0000, NaN, -NF

94.5558, 63.6263,  
-60.6715

0.0000, NaN, NaN

0.0000, NaN, NaN

107.5276, 65.2312,

-61.4387

0.0000, NaN, NaN

121.0437, 66.7444,  
-62.1839

■ 29.7974, 51.9863,  
-57.3910

■ 29.7974, 51.9863,  
-57.3910

■ 27.9409, 55.2552,  
-63.5718

■ 32.3219, 46.9138,  
-49.9369

■ 26.7450, 56.7951,  
-67.9376

■ 35.4623, 40.6106,  
-41.8533

■ 39.1416, 33.6167,  
-33.6537

■ 43.2782, 26.3236,  
-25.6541

■ 47.7991, 18.9700,  
-18.0048

■ 52.6431, 11.6822,  
-10.7501

■ 57.7607, 4.5161,  
-3.8774

■ 63.1127, -2.5121,  
2.6511

■ 68.6677, -9.4065,  
8.8814

# Harmonies

## Analogous

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



29.7980, 18.2353, -102.2990



29.7974, 51.9863, -57.3910



29.7980, 73.6594, -10.4252

# Triad

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



29.7980, 51.9859, -57.3895



29.7980, 9.8531, 20.8586



29.7980, -37.7925, -20.5815

# Complementary

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



29.7974, 51.9863, -57.3910



55.2901, -40.5107, 31.8947

# 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.



29.7980, -38.5886, 10.0951



29.7974, 51.9863, -57.3910



29.7980, -17.2942, 20.8586

# Square

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



29.7980, 51.9859, -57.3895



29.7980, 43.8983, 20.7352



29.7980, -32.6692, 19.6854



29.7980, -29.8242, -70.4978



# Rectangle

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



29.7974, 51.9863, -57.3910



29.7980, 74.4011, 8.5499



29.7980, -32.6692, 19.6854



29.7980, -38.7555, -7.5132

# Sweetspot

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



29.7980, 51.9859, -57.3895



68.3726, 18.6806, -17.3778



27.9341, 16.4494, -64.2753



31.2250, 10.4188, -9.7950



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.



29.7980, 51.9859, -57.3895



35.9496, 75.5238, -90.3273



34.0747, 56.1946, -21.7880



28.3433, 1.5039, -1.2363



23.2801, 49.3888, -58.7610



4.1997, 8.6603, -8.6675



# Inverse Universe

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



31.8530, 47.6412, 9.3652



39.9862, 68.8257, 18.3302



54.5731, -43.0663, 27.9037



28.3741, 1.2652, 1.4596



25.8756, 44.9647, 11.6669



4.4236, 7.8945, 0.3857



# Previews

## White Background



This preview shows how the HunterLab color 29.7974, 51.9863, -57.3910 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 29.7974, 51.9863, -57.3910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

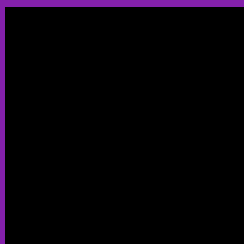
Any Text WCAG AA × Fail

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 29.7974, 51.9863, -57.3910 Background



This preview shows how black text looks on a background with the HunterLab color 29.7974, 51.9863, -57.3910.



This preview shows how white text looks on a background with the HunterLab color 29.7974, 51.9863, -57.3910.



# 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

29.7974, 51.9863, -57.3910

### Protanopia

30.0861, 10.0023, -59.1971

### Deuteranopia

30.1387, 1.0093, -39.8494



## Tritanopia

30.0368, 13.5668, 4.8869

# Trichromacy



## Original Color

29.7974, 51.9863, -57.3910



## Protanomaly

26.9698, 22.2885, -68.7933



## Deuteranomaly

26.7318, 16.5488, -55.9893



## Tritanomaly

28.7835, 27.1518, -12.7665

# Monochromacy



## Original Color

29.7974, 51.9863, -57.3910



## Achromatopsia

27.6017, -1.4728, 1.4997



## Achromatomaly

26.6533, 17.8522, -17.3635

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.7974, 51.9863, -57.3910 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(132, 32, 171)` looks like.

```
.text, #text, p{  
    color:rgb(132, 32, 171)  
}
```

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(132, 32, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 32, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.7974, 51.9863, -57.3910 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(132, 32, 171) }
```



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

```
.border{ border-color:rgb(132, 32, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 32, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 32, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 32, 171);  
box-shadow:4px 4px 4px 4px rgb(132, 32,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.7974, 51.9863, -57.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 32, 171) }
```

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

```
.background{ background-color: rgb(132, 32,  
171) }
```

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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