

# Converting Colors

HunterLab(49.7878, -4.1801,  
-0.6937)

Have a look what the booklet for  
HunterLab(49.7878, -4.1801,  
-0.6937) contains.

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# Color

**HunterLab(49.8575, -4.2766,  
-0.7303)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	818A90
RGB	129, 138, 144
RGB Percent	51%, 54%, 56%
CMY	0.4941, 0.4588, 0.4353
CMYK	0.10, 0.04, 0.00, 0.44
HSL	204°, 6%, 54%
HSV	204°, 10%, 56%
XYZ	23.1758, 24.8577, 29.9621
YIQ	135.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

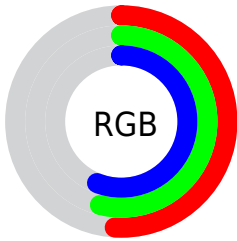
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 135, 144
Decimal	8489616
CIE <sub>Lab</sub>	56.94, -2.01, -4.33
CIE <sub>LCh</sub>	57, 4.778, 245.082
Yxy	24.8587, 0.2971, 0.3187
Android (android.graphics.Color)	4286679696 (0xFF818A90)
YUV	135.9930, 3.9475, -6.1329
Hunter-Lab	49.8575, -4.2766, -0.7303

# Details

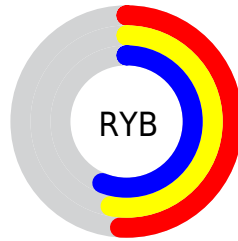
The HunterLab color  $49.8575, -4.2766, -0.7303$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $49.8418, -0.8124, 5.9916$ , and the grayscale version is  $49.6037, -2.6467, 2.6951$ .

A 20% lighter version of the original color is  $71.6128, -5.3917, -0.1997$ , and  $30.8108, -2.8305, -1.4420$  is the 20% darker color. If you saturate the color by 10%, you get  $47.1175, -5.4126, -4.2637$ , and if you desaturate by 10%, it is  $52.6910, -2.8812, 2.7270$ .

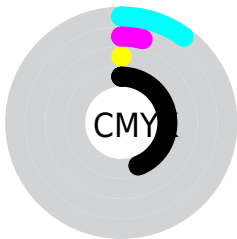
# Distribution



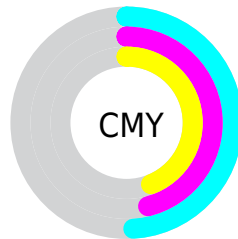
- Red (51%)
- Green (54%)
- Blue (56%)



- Red (51%)
- Yellow (53%)
- Blue (56%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (46%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8575, -4.2766, -0.7303 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 49.8575, -4.2766, -0.7303 by changing the saturation by 10% instead.



■ 49.8575, -4.2766,  
-0.7303

■ 49.8575, -4.2766,  
-0.7303

166.4733,  
-11.3133, 4.0112

■ 39.9648, -3.6329,  
-1.0406

■ 71.7133, -5.6554,  
0.0450

■ 30.8289, -3.0188,  
-1.2934

■ 83.5937, -6.3865,  
0.5000

■ 22.5200, -2.4361,  
-1.4795

■ 96.0662, -7.1447,  
0.9958

■ 15.1304, -1.8847,  
-1.5874

109.1038, -7.9290,  
1.5300

■ 8.7637, -1.4690,  
-1.6456

122.6830, -8.7387,  
2.1003

0.0000, NaN, NaN

0.0000, NaN, NaN

136.7831, -9.5731,

2.7050

0.0000, NaN, NaN

151.3854,  
-10.4315, 3.3424

0.0000, NaN, NaN

■ 49.8575, -4.2766,  
-0.7303

■ 49.8575, -4.2766,  
-0.7303

■ 47.1175, -5.4126,  
-4.2637

■ 52.6910, -2.8812,  
2.7270

■ 44.4759, -6.2528,  
-7.8782

■ 55.6077, -1.2533,  
6.1101

■ 41.9424, -6.7610,  
-11.5729

■ 58.6022, 0.5798,  
9.4250

■ 39.5264, -6.8977,  
-15.3440

■ 61.6687, 2.5955,  
12.6773

■ 37.2375, -6.6225,  
-19.1823

■ 64.8021, 4.7739,  
15.8728

■ 35.0855, -5.8976,  
-23.0725

■ 67.9978, 7.0980,  
19.0172

■ 33.0789, -4.6931,  
-26.9927

■ 71.2516, 9.5530,  
22.1158

■ 31.2237, -2.9956,  
-30.9163

■ 74.5599, 12.1262,  
25.1737

■ 29.5578, -1.0249,  
-34.7321

■ 77.4757, 13.3670,  
27.7818

# Harmonies

## Analogous

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



49.8585, -5.7801, 0.5588



49.8575, -4.2766, -0.7303



49.8585, -2.3209, -1.0807

# Triad

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



49.8585, -4.2776, -0.7295



49.8585, 1.2372, 3.0379



49.8585, -4.8605, 5.6240

# Complementary

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



49.8575, -4.2766, -0.7303



49.8418, -0.8124, 5.9916

# 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.



49.8585, -3.0042, 6.2319



49.8575, -4.2766, -0.7303



49.8585, 0.5326, 4.7770

# Square

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



49.8585, -4.2776, -0.7295



49.8585, 0.8833, 1.1433



49.8585, -1.0276, 5.9280



49.8585, -6.1129, 4.2351



# Rectangle

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



49.8575, -4.2766, -0.7303



49.8585, -1.0174, -0.7247



49.8585, -1.0276, 5.9280



49.8585, -4.2875, 5.9239

# Sweetspot

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



49.8585, -4.2776, -0.7295



68.9705, -4.3484, 2.4171



51.3384, -8.5427, 5.1189



32.8906, -2.1522, 0.9912



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248



# Same Dimension

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



49.8585, -4.2776, -0.7295



65.5397, -5.9839, -1.8198



47.7983, -0.8524, -3.2915



23.9985, -1.9681, -0.1412



27.6669, -1.0981, -32.2107



3.4122, -1.1719, -1.7351



# Inverse Universe

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



48.4410, 3.4441, 0.4780



63.3440, 6.0522, 0.0986



51.8991, -4.2385, 8.1787



23.3987, 1.2856, 0.3612



23.9981, 43.5797, -3.7353



2.4378, 4.5874, -1.6240



# Previews

## White Background



This preview shows how the HunterLab color 49.8575, -4.2766, -0.7303 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 49.8575, -4.2766, -0.7303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

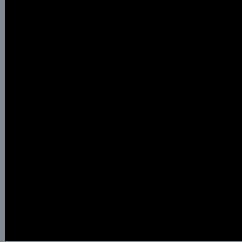
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

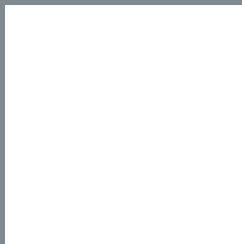
Any Text WCAG AAA × Fail

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

# HunterLab 49.8575, -4.2766, -0.7303 Background



This preview shows how black text looks on a background with the HunterLab color 49.8575, -4.2766, -0.7303.



This preview shows how white text looks on a background with the HunterLab color 49.8575, -4.2766, -0.7303.

-0.7303.

# 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

49.8575, -4.2766, -0.7303

### Protanopia

49.9098, -1.2261, -0.1379

### Deuteranopia

49.9303, 3.2563, -0.9858



## Tritanopia

49.7748, -2.8424, -2.7517

# Trichromacy



## Original Color

49.8575, -4.2766, -0.7303

## Protanomaly

49.9428, -2.5685, -0.1207

## Deuteranomaly

49.9477, 0.4698, -1.0128

## Tritanomaly

49.7431, -3.0161, -2.3030

# Monochromacy



## Original Color

49.8575, -4.2766, -0.7303

## Achromatopsia

49.6187, -2.6475, 2.6959

## Achromatomaly

49.7413, -3.5099, 1.4738

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.8575, -4.2766, -0.7303 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(129, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(129, 138, 144)  
}
```

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(129, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 138, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.8575, -4.2766, -0.7303 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(129, 138, 144) }
```



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

```
.border{ border-color:rgb(129, 138, 144) }
```

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

Here you see how a box with a 4 pixel rgb(129, 138, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(129, 138,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.8575, -4.2766, -0.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 138, 144) }
```

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

```
.background{ background-color: rgb(129,  
138, 144) }
```

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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