

# Converting Colors

HunterLab(42.8943, 0.8805,  
6.9478)

Have a look what the booklet for  
HunterLab(42.8943, 0.8805, 6.9478)  
contains.

<b>HunterLab(42.8938, 1.1411, 6.8405)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(42.8938, 1.1411,  
6.8405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83746C
RGB	131, 116, 108
RGB Percent	51%, 45%, 42%
CMY	0.4863, 0.5451, 0.5765
CMYK	0.00, 0.11, 0.18, 0.49
HSL	21°, 10%, 47%
HSV	21°, 18%, 51%
XYZ	18.3122, 18.3988, 16.7735
YIQ	119.5730, 11.5080, 0.6920

# Conversions

## Conversions Part 2

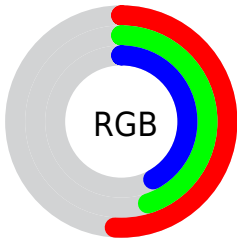
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 120, 108
Decimal	8615020
CIE Lab	49.98, 4.40, 6.54
CIE LCh	50, 7.882, 56.062
Yxy	18.3996, 0.3424, 0.3440
Android (android.graphics.Color)	4286805100 (0xFF83746C)
YUV	119.5730, -5.7055, 10.0215
Hunter-Lab	42.8938, 1.1411, 6.8405

# Details

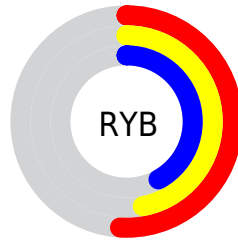
The HunterLab color  $42.8938, 1.1411, 6.8405$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $43.5801, -5.1444, -2.4496$ , and the grayscale version is  $43.1917, -2.3046, 2.3467$ .

A 20% lighter version of the original color is  $63.7956, 0.3554, 8.8325$ , and  $24.9409, 1.4617, 4.8989$  is the 20% darker color. If you saturate the color by 10%, you get  $40.3257, 3.4720, 9.0261$ , and if you desaturate by 10%, it is  $45.5639, -1.0181, 4.4777$ .

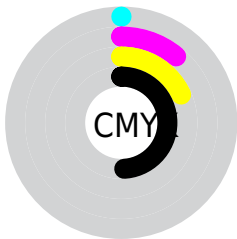
# Distribution



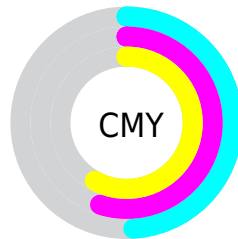
- Red (51%)
- Green (45%)
- Blue (42%)



- Red (51%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8938, 1.1411, 6.8405 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 42.8938, 1.1411, 6.8405 by changing the saturation by 10% instead.



■ 42.8938, 1.1411,  
6.8405

■ 42.8938, 1.1411,  
6.8405

155.9211, -3.0995,  
15.6528

■ 33.5220, 1.3784,  
5.9322

■ 63.8099, 0.4943,  
8.6879

■ 24.9533, 1.5505,  
5.0250

■ 75.2602, 0.0984,  
9.6318

■ 17.2725, 1.6436,  
4.1080

■ 87.3237, -0.3411,  
10.5917

■ 10.5975, 1.6382,  
3.2475

■ 99.9706, -0.8209,  
11.5684

0.0000, INF, NaN

0.0000, NaN, NaN

113.1752, -1.3387,  
12.5627

0.0000, NaN, NaN

126.9148, -1.8922,

0.0000, NaN, NaN

13.5747

0.0000, NaN, NaN

141.1695, -2.4797,  
14.6047

■ 42.8938, 1.1411,  
6.8405

■ 42.8938, 1.1411,  
6.8405

■ 40.3257, 3.4720,  
9.0261

■ 45.5639, -1.0181,  
4.4777

■ 37.8681, 5.9913,  
11.0028

■ 48.3230, -3.0162,  
1.9604

■ 35.5351, 8.7066,  
12.7361

■ 51.1637, -4.8696,  
-0.6901

■ 33.3418, 11.6192,  
14.1861

■ 54.0785, -6.5925,  
-3.4572

■ 31.3047, 14.7184,  
15.3093

■ 57.0611, -8.1985,  
-6.3269

■ 29.4417, 17.9749,  
16.0630

■ 60.1059, -9.6997,  
-9.2878

■ 27.7711, 21.3340,  
16.4140

■ 63.2081, -11.1072,  
-12.3306

■ 26.3043, 24.6846,  
16.4336

■ 66.3637, -12.4310,  
-15.4473

■ 25.9744, 25.4709,  
16.4512

■ 69.5689, -13.6797,  
-18.6315

# Harmonies

## Analogous

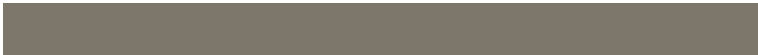
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.8948, 3.2812, 4.7876



42.8938, 1.1411, 6.8405



42.8948, -1.8746, 7.6896

# Triad

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



42.8948, 1.1398, 6.8412



42.8948, -8.1624, 2.7284



42.8948, 0.3999, -3.1646

# Complementary

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



42.8938, 1.1411, 6.8405



43.5801, -5.1444, -2.4496

# 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.



42.8948, -2.7059, -3.8138



42.8938, 1.1411, 6.8405



42.8948, -7.5926, -0.2718

# Square

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



42.8948, 1.1398, 6.8412



42.8948, -7.1967, 5.4258



42.8948, -5.6174, -2.7204



42.8948, 2.8454, -1.0047

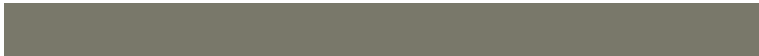


# Rectangle

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



42.8938, 1.1411, 6.8405



42.8948, -3.9524, 7.5062



42.8948, -5.6174, -2.7204



42.8948, -0.6040, -3.5731

# Sweetspot

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



42.8948, 1.1398, 6.8412



61.8644, -2.0342, 5.1874



41.2178, 7.2016, -1.5887



29.7442, -0.9022, 2.5993



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714



# Same Dimension

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



42.8948, 1.1398, 6.8412



56.0347, 2.7222, 10.3338



45.9674, -4.0298, 9.9548



22.2131, -0.3386, 2.3928



25.7792, 25.2467, 16.3270



1.8899, 0.6172, 1.1753



# Inverse Universe

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



43.5801, -5.1444, -2.4496



57.1507, -7.5229, -4.8083



40.4705, -0.0019, -6.5204



22.3905, -1.9625, -0.0091



28.4229, -4.1123, -26.6490



2.0417, -0.7736, -0.8820



# Previews

## White Background



This preview shows how the HunterLab color 42.8938, 1.1411, 6.8405 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 42.8938, 1.1411, 6.8405 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 42.8938, 1.1411, 6.8405 Background



This preview shows how black text looks on a background with the HunterLab color 42.8938, 1.1411, 6.8405.



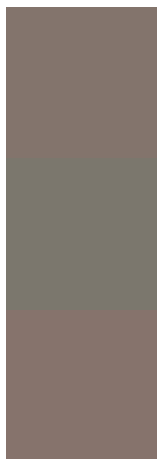
This preview shows how white text looks on a background with the HunterLab color 42.8938, 1.1411,

6.8405.

# 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

42.8938, 1.1411, 6.8405

### Protanopia

43.0218, -2.5736, 6.5258

### Deuteranopia

42.9098, 2.5689, 6.8826



## Tritanopia

42.9549, 4.8864, 0.6891

# Trichromacy



## Original Color

42.8938, 1.1411, 6.8405

## Protanomaly

43.0077, -1.2078, 6.5345

## Deuteranomaly

42.8144, 2.2475, 6.7745

## Tritanomaly

42.9826, 3.3377, 2.9019

# Monochromacy



## Original Color

42.8938, 1.1411, 6.8405

## Achromatopsia

43.3383, -2.3124, 2.3547

## Achromatomaly

43.2894, -1.2818, 4.0220

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8938, 1.1411, 6.8405 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(131, 116, 108)` looks like.

```
.text, #text, p{  
    color:rgb(131, 116, 108)  
}
```

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(131, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 116, 108) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8938, 1.1411, 6.8405 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(131, 116, 108) }
```



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

```
.border{ border-color:rgb(131, 116, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 116, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 116, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 116, 108); box-shadow:4px 4px 4px 4px rgb(131, 116, 108) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8938, 1.1411, 6.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 116, 108) }
```

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

```
.background{ background-color: rgb(131,  
116, 108) }
```

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