

# Converting Colors

HunterLab(53.7840, 2.7435,  
17.1570)

Have a look what the booklet for  
HunterLab(53.7840, 2.7435,  
17.1570) contains.

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# Color

**HunterLab(53.6766, 2.7698,  
17.1428)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AB8D6D
RGB	171, 141, 109
RGB Percent	67%, 55%, 43%
CMY	0.3294, 0.4470, 0.5725
CMYK	0.00, 0.18, 0.36, 0.33
HSL	31°, 27%, 55%
HSV	31°, 36%, 67%
XYZ	29.0797, 28.8118, 18.4965
YIQ	146.3220, 28.1520, -3.5920

# Conversions

## Conversions Part 2

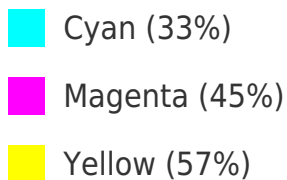
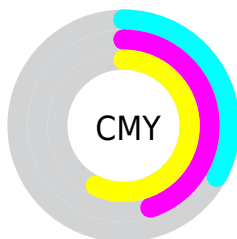
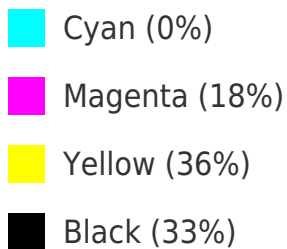
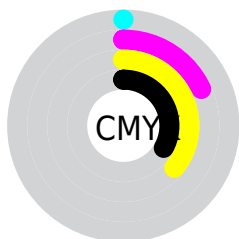
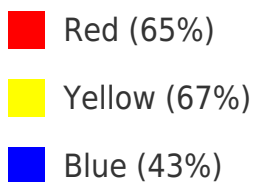
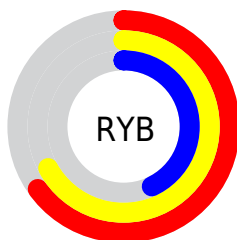
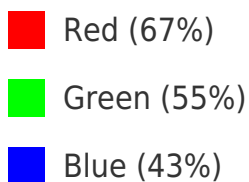
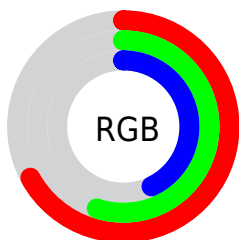
Format	Color
<a href="#">RYB</a>	<a href="#">167, 171, 109</a>
Decimal	<a href="#">11242861</a>
CIELab	<a href="#">60.62, 6.68, 21.33</a>
CIELCh	<a href="#">61, 22.350, 72.622</a>
Yxy	<a href="#">28.8131, 0.3807, 0.3772</a>
Android (android.graphics.Color)	<a href="#">4289432941</a> (0xFFAB8D6D)
YUV	<a href="#">146.3220, -18.3997, 21.6426</a>
Hunter-Lab	<a href="#">53.6766, 2.7698, 17.1428</a>

# Details

The HunterLab color  $53.6766, 2.7698, 17.1428$  is a dark color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $49.6546, -4.6113, -15.4881$ , and the grayscale version is  $53.8076, -2.8710, 2.9235$ .

A 20% lighter version of the original color is  $76.1146, 1.9426, 20.6704$ , and  $34.0602, 2.8613, 13.3527$  is the 20% darker color. If you saturate the color by 10%, you get  $51.1180, 5.0797, 19.8700$ , and if you desaturate by 10%, it is  $56.3469, 0.7326, 13.9279$ .

# Distribution




# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6766, 2.7698, 17.1428 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 53.6766, 2.7698, 17.1428 by changing the saturation by 10% instead.




 53.6766, 2.7698,  
17.1428


 53.6766, 2.7698,  
17.1428

172.1430, -0.9746,  
32.3321


 43.5195, 2.9456,  
15.2945

 76.0132, 2.2414,  
20.6773


 34.0977, 3.0571,  
13.3625


 88.1148, 1.9033,  
22.3893

 25.4754, 3.0916,  
11.3129


 100.7981, 1.5203,  
24.0771

 17.7348, 3.0342,  
9.0908

 114.0375, 1.0956,  
25.7470

 10.9910, 2.8610,  
7.6937

127.8106, 0.6317,  
27.4039

 2.6121, 10.9960,  
1.8285

142.0975, 0.1308,

0.0000, NaN, NaN

29.0517


0.0000, NaN, NaN

156.8804, -0.4052,  
30.6936


0.0000, NaN, NaN


 53.6766, 2.7698,  
17.1428


 53.6766, 2.7698,  
17.1428


 51.1180, 5.0797,  
19.8700


 56.3469, 0.7326,  
13.9279


 48.6761, 7.6787,  
22.0637


 59.1167, -1.0403,  
10.2663


 46.3615, 10.5689,  
23.6843


 61.9798, -2.5672,  
6.2001


 44.1835, 13.7446,  
24.6999

 64.9290, -3.8653,  
1.7672


 42.1509, 17.1859,  
25.0965


 67.9582, -4.9518,  
-2.9978


 40.2701, 20.8475,  
24.9086

 71.0615, -5.8433,  
-8.0639

 39.6000, 22.2328,  
24.7905

 74.2339, -6.5555,  
-13.4036

 77.4706, -7.1032,  
-18.9924

 80.4454, -9.2812,  
-20.3203

# Harmonies

## Analogous

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



53.6779, 11.4274, 13.5200



53.6766, 2.7698, 17.1428



53.6779, -6.8481, 17.4079

# Triad

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



53.6779, 2.7678, 17.1435



53.6779, -19.7448, -1.0657



53.6779, 10.2364, -11.6990

# Complementary

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



53.6766, 2.7698, 17.1428



49.6546, -4.6113, -15.4881

# 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.



53.6779, 1.2336, -17.2320



53.6766, 2.7698, 17.1428



53.6779, -15.8063, -10.4056

# Square

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



53.6779, 2.7678, 17.1435



53.6779, -19.3979, 7.9141



53.6779, -8.2785, -16.7209



53.6779, 15.9434, -2.6014



# Rectangle

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



53.6766, 2.7698, 17.1428



53.6779, -12.4757, 15.7253



53.6779, -8.2785, -16.7209



53.6779, 7.4691, -14.1038

# Sweetspot

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



53.6779, 2.7678, 17.1435



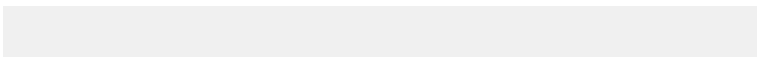
81.0384, -2.4663, 11.0487



46.3561, 22.8321, -2.7696



38.0326, -1.0373, 5.5521



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.



53.6779, 2.7678, 17.1435



68.9063, 6.3165, 26.0953



62.3601, -11.4711, 24.4692



29.4506, -1.0246, 3.6075



34.5363, 18.9546, 21.6129



6.6393, 1.3351, 4.1145



# Inverse Universe

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



49.6546, -4.6113, -15.4881



62.3453, -5.5710, -27.3009



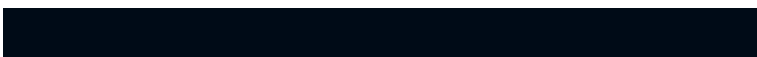
41.3873, 10.0623, -29.5152



28.9356, -1.9856, -0.5491



26.3703, 7.3948, -48.9238



5.5080, -0.7266, -5.3160



# Previews

## White Background



This preview shows how the HunterLab color 53.6766, 2.7698, 17.1428 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

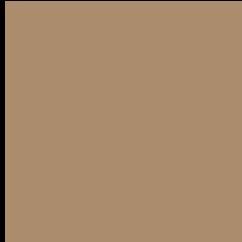
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.6766, 2.7698, 17.1428 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

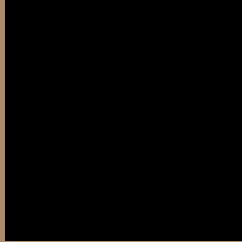
Any Text WCAG AA ✓ Pass

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 53.6766, 2.7698, 17.1428 Background



This preview shows how black text looks on a background with the HunterLab color 53.6766, 2.7698, 17.1428.



This preview shows how white text looks on a background with the HunterLab color 53.6766, 2.7698,



# 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

53.6766, 2.7698, 17.1428

### Protanopia

53.7341, -4.1679, 16.4439

### Deuteranopia

53.6139, 3.9655, 17.1064



## Tritanopia

53.6634, 11.4382, 3.2219

# Trichromacy



## Original Color

53.6766, 2.7698, 17.1428

## Protanomaly

53.6225, -1.6706, 16.7016

## Deuteranomaly

53.5079, 3.6098, 17.0031

## Tritanomaly

53.7300, 8.2212, 8.7655

# Monochromacy



## Original Color

53.6766, 2.7698, 17.1428

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.4869, -1.0783, 8.3417

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.6766, 2.7698, 17.1428 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(171, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 109)  
}
```

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(171, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.6766, 2.7698, 17.1428 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(171, 141, 109) }
```



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

```
.border{ border-color:rgb(171, 141, 109) }
```

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

Here you see how a box with a 4 pixel rgb(171, 141, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.6766, 2.7698, 17.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 109) }
```

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

```
.background{ background-color: rgb(171,  
141, 109) }
```

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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