

# Converting Colors

HunterLab(47.1658, 9.4049,  
16.5576)

Have a look what the booklet for  
HunterLab(47.1658, 9.4049,  
16.5576) contains.

<b>HunterLab(47.2363, 9.4434, 16.5631)</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(47.2363, 9.4434,  
16.5631)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A6785C
RGB	166, 120, 92
RGB Percent	65%, 47%, 36%
CMY	0.3490, 0.5294, 0.6392
CMYK	0.00, 0.28, 0.45, 0.35
HSL	23°, 29%, 51%
HSV	23°, 45%, 65%
XYZ	24.3742, 22.3127, 13.1474
YIQ	130.5620, 36.4040, 1.0440

# Conversions

## Conversions Part 2

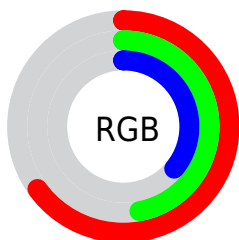
Format	Color
<a href="#">RYB</a>	<a href="#">166, 137, 92</a>
Decimal	<a href="#">10909788</a>
CIELab	<a href="#">54.36, 14.40, 22.45</a>
CIELCh	<a href="#">54, 26.673, 57.332</a>
Yxy	<a href="#">22.3138, 0.4074, 0.3729</a>
Android (android.graphics.Color)	<a href="#">4289099868</a> (0xFFA6785C)
YUV	<a href="#">130.5620, -19.0111, 31.0791</a>
Hunter-Lab	<a href="#">47.2363, 9.4434, 16.5631</a>

# Details

The HunterLab color **47.2363, 9.4434, 16.5631** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48.1712, -8.7632, -14.8741**, and the grayscale version is **47.5317, -2.5362, 2.5825**.

A 20% lighter version of the original color is **68.6630, 9.9953, 20.3870**, and **28.5455, 9.0031, 12.3786** is the 20% darker color. If you saturate the color by 10%, you get **44.3901, 13.0020, 18.5932**, and if you desaturate by 10%, it is **50.2531, 6.1514, 14.1362**.

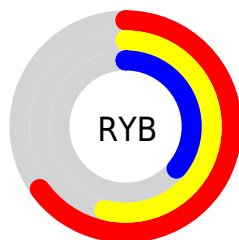
# Distribution



Red (65%)

Green (47%)

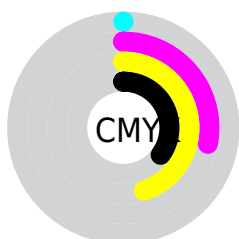
Blue (36%)



Red (65%)

Yellow (54%)

Blue (36%)

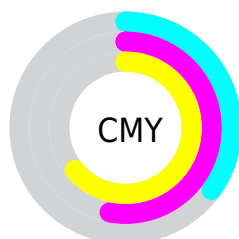


Cyan (0%)

Magenta (28%)

Yellow (45%)

Black (35%)



Cyan (35%)

Magenta (53%)


Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2363, 9.4434, 16.5631 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 47.2363, 9.4434, 16.5631 by changing the saturation by 10% instead.




 47.2363, 9.4434,  
16.5631

 47.2363, 9.4434,  
16.5631

162.5363, 8.9116,  
32.3916


 37.5335, 9.1628,  
14.5864

 68.7488, 9.7469,  
20.2991


 28.6036, 8.7832,  
12.4975


 80.4717, 9.7924,  
22.0933

 20.5217, 8.2836,  
10.2487

 92.7942, 9.7756,  
23.8543

 13.3884, 7.6375,  
8.6591

 105.6884, 9.7016,  
25.5904

 6.9462, 8.6606,  
4.8623

119.1300, 9.5748,  
27.3078

0.0000, NaN, NaN

0.0000, NaN, NaN

133.0976, 9.3989,


29.0113


0.0000, NaN, NaN


147.5721, 9.1769,  
30.7049


0.0000, NaN, NaN

 47.2363, 9.4434,  
16.5631


 47.2363, 9.4434,  
16.5631


 44.3901, 13.0020,  
18.5932

 50.2531, 6.1514,  
14.1362


 41.7305, 16.8279,  
20.1683


 53.4198, 3.1249,  
11.3628


 39.2794, 20.8940,  
21.2346


 56.7221, 0.3472,  
8.2899


 37.0583, 25.1467,  
21.7490

 60.1466, -2.2002,  
4.9576


 35.0874, 29.4943,  
21.7002


 63.6815, -4.5372,  
1.3996

 34.1204, 31.8056,  
21.5816

 67.3167, -6.6836,  
-2.3559

 71.0436, -8.6580,  
-6.2852

 74.8543, -10.4780,  
-10.3687

 78.7424, -12.1594,  
-14.5899

# Harmonies

## Analogous

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



47.2374, 17.7680, 10.9061



47.2363, 9.4434, 16.5631



47.2374, -1.5347, 18.5746

# Triad

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



47.2374, 9.4413, 16.5637



47.2374, -21.8444, 3.4981



47.2374, 7.5833, -19.0162

# Complementary

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



47.2363, 9.4434, 16.5631



48.1712, -8.7632, -14.8741

# 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.



47.2374, -3.5033, -22.2588



47.2363, 9.4434, 16.5631



47.2374, -19.8786, -7.6284

# Square

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



47.2374, 9.4413, 16.5637



47.2374, -19.0384, 12.1913



47.2374, -13.4036, -17.6898



47.2374, 16.6282, -9.6260



# Rectangle

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



47.2363, 9.4434, 16.5631



47.2374, -8.6589, 18.0249



47.2374, -13.4036, -17.6898



47.2374, 3.9430, -20.9432

# Sweetspot

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



47.2374, 9.4413, 16.5637



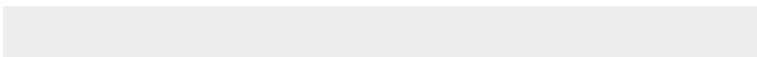
77.0223, -0.0081, 10.5874



41.9782, 29.4570, -8.0451



35.9758, 0.3584, 5.4475



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



47.2374, 9.4413, 16.5637



60.0223, 17.2215, 24.9026



57.1852, -7.7777, 24.6029



28.2670, -0.4955, 3.1688



30.1860, 27.6392, 19.0844



5.6616, 2.0883, 3.5252



# Inverse Universe

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



48.1712, -8.7632, -14.8741



61.4879, -11.9389, -25.4553



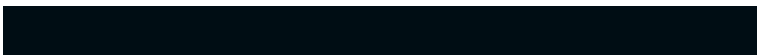
38.0859, 8.5026, -32.5446



28.3687, -2.4199, -0.1558



31.2685, -2.4375, -33.8211



5.7592, -1.7186, -3.4885



# Previews

## White Background



This preview shows how the HunterLab color 47.2363, 9.4434, 16.5631 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

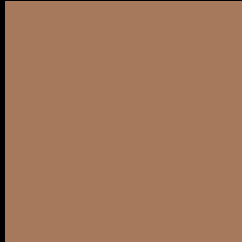
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.2363, 9.4434, 16.5631 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 47.2363, 9.4434, 16.5631 Background



This preview shows how black text looks on a background with the HunterLab color 47.2363, 9.4434, 16.5631.



This preview shows how white text looks on a background with the HunterLab color 47.2363, 9.4434,



# 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

47.2363, 9.4434, 16.5631

### Protanopia

47.3130, -3.9129, 15.2179

### Deuteranopia

47.3193, 2.9704, 16.8085



## Tritanopia

47.3086, 16.2374, 5.5374

# Trichromacy



**Original Color**  
47.2363, 9.4434, 16.5631

**Protanomaly**  
47.0505, 0.8248, 15.3639

**Deuteranomaly**  
47.2146, 5.3469, 16.7581

**Tritanomaly**  
47.1352, 13.8328, 10.0045

# Monochromacy



**Original Color**  
47.2363, 9.4434, 16.5631

**Achromatopsia**  
47.6409, -2.5420, 2.5884

**Achromatomaly**  
47.3206, 1.3147, 8.0952

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.2363, 9.4434, 16.5631 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(166, 120, 92) looks like.

```
.text, #text, p{  
    color:rgb(166, 120, 92)  
}
```

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(166, 120, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 120, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.2363, 9.4434, 16.5631 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(166, 120, 92) }
```



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

```
.border{ border-color:rgb(166, 120, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 120, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 120, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 120, 92);  
box-shadow:4px 4px 4px 4px rgb(166, 120,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.2363, 9.4434, 16.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 120, 92) }
```

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

```
.background{ background-color: rgb(166,  
120, 92) }
```

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