

# Converting Colors

HunterLab(47.5495, 2.9262,  
1.9058)

Have a look what the booklet for  
HunterLab(47.5495, 2.9262, 1.9058)  
contains.

**HunterLab(47.5636, 2.9983, 1.6999) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(47.5636, 2.9983,  
1.6999)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8E7F85
RGB	142, 127, 133
RGB Percent	56%, 50%, 52%
CMY	0.4431, 0.5019, 0.4784
CMYK	0.00, 0.11, 0.06, 0.44
HSL	336°, 6%, 53%
HSV	336°, 11%, 56%
XYZ	22.9783, 22.6230, 25.3458
YIQ	132.1690, 7.0140, 5.0460

# Conversions

## Conversions Part 2

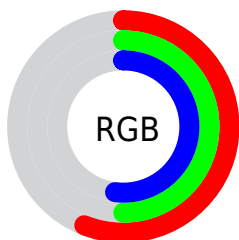
Format	Color
<a href="#">RYB</a>	<a href="#">142, 127, 133</a>
Decimal	<a href="#">9338757</a>
CIELab	<a href="#">54.68, 6.82, -1.16</a>
CIELCh	<a href="#">55, 6.914, 350.307</a>
Yxy	<a href="#">22.6240, 0.3239, 0.3189</a>
Android (android.graphics.Color)	<a href="#">4287528837</a> (0xFF8E7F85)
YUV	<a href="#">132.1690, 0.4097, 8.6218</a>
Hunter-Lab	<a href="#">47.5636, 2.9983, 1.6999</a>

# Details

The HunterLab color  $47.5636, 2.9983, 1.6999$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $50.6322, -7.9791, 3.7827$ , and the grayscale version is  $48.0995, -2.5665, 2.6133$ .

A 20% lighter version of the original color is  $69.2268, 2.4892, 2.9144$ , and  $28.9209, 3.3210, 0.6840$  is the 20% darker color. If you saturate the color by 10%, you get  $43.5714, 8.5815, 0.8340$ , and if you desaturate by 10%, it is  $51.7681, -2.4717, 2.7613$ .

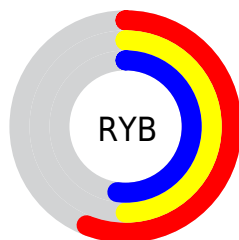
# Distribution



Red (56%)

Green (50%)

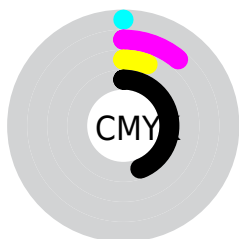
Blue (52%)



Red (56%)

Yellow (50%)

Blue (52%)

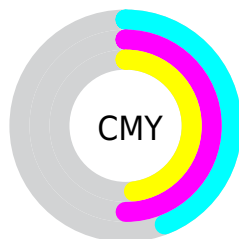


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (44%)



Cyan (44%)

Magenta (50%)


Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5636, 2.9983, 1.6999 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 47.5636, 2.9983, 1.6999 by changing the saturation by 10% instead.




 47.5636, 2.9983,  
1.6999


 47.5636, 2.9983,  
1.6999

163.0299, -0.4619,  
7.5419


 37.8366, 3.1287,  
1.2351


 69.1195, 2.5498,  
2.7583

 28.8805, 3.1877,  
0.8170

 80.8624, 2.2464,  
3.3443

 20.7697, 3.1609,  
0.4518

 93.2038, 1.8958,  
3.9655

 13.6037, 3.0284,  
0.1479

106.1161, 1.5015,  
4.6200

 7.2002, 3.7399,  
-0.2782

119.5752, 1.0663,  
5.3061

0.0000, NaN, NaN

0.0000, NaN, NaN


133.5595, 0.5927,

6.0226

0.0000, NaN, NaN


148.0501, 0.0827,  
6.7682


0.0000, NaN, NaN


 47.5636, 2.9983,  
1.6999


 47.5636, 2.9983,  
1.6999


 43.5714, 8.5815,  
0.8340


 51.7681, -2.4717,  
2.7613


 39.8240, 14.2587,  
0.2088


 56.1529, -7.8219,  
3.9785


 36.3662, 19.9689,  
-0.1165


 60.6960, -13.0616,  
5.3237


 33.2503, 25.5927,  
-0.0740


 65.3786, -18.2031,  
6.7745


 30.5359, 30.9258,  
0.4054


 70.1854, -23.2602,  
8.3140


 28.2844, 35.6650,  
1.3735


 75.1039, -28.2463,  
9.9287


 26.5487, 39.4363,  
2.8364

 80.1238, -33.1739,  
11.6082

 25.3550, 41.8954,  
4.7236

 85.2364, -38.0538,  
13.3443

 24.5848, 43.2950,  
6.6393

 90.4344, -42.8956,  
15.1304

# Harmonies

## Analogous

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



47.5646, 1.7612, -0.8711



47.5636, 2.9983, 1.6999



47.5646, 2.7224, 4.3673

# Triad

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



47.5646, 2.9970, 1.7007



47.5646, -4.4321, 7.2343



47.5646, -5.9987, -1.6105

# Complementary

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



47.5636, 2.9983, 1.6999



50.6322, -7.9791, 3.7827

# 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.



47.5646, -7.5840, 0.7394



47.5636, 2.9983, 1.6999



47.5646, -6.6945, 5.8074

# Square

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



47.5646, 2.9970, 1.7007



47.5646, -1.6119, 7.4579



47.5646, -7.8357, 3.4606



47.5646, -3.4619, -2.8559



# Rectangle

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



47.5636, 2.9983, 1.6999



47.5646, 1.7220, 5.8472



47.5646, -7.8357, 3.4606



47.5646, -6.6580, -0.9172

# Sweetspot

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



47.5646, 2.9970, 1.7007



67.3244, -1.4809, 3.2933



47.2938, 2.6326, -2.8945



31.6178, -0.4436, 1.5047



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



47.5646, 2.9970, 1.7007



61.6967, 5.9741, 1.9189



47.8050, 1.3678, 4.5772



23.3615, 1.0855, 0.8912



23.3026, 41.0512, 6.1835



2.3679, 4.3382, -0.6646



# Inverse Universe

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



47.5646, 2.9970, 1.7007



61.6967, 5.9741, 1.9189



50.3669, -6.3221, 0.7998



23.3615, 1.0855, 0.8912



23.3026, 41.0512, 6.1835



2.3679, 4.3382, -0.6646



# Previews

## White Background



This preview shows how the HunterLab color 47.5636, 2.9983, 1.6999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

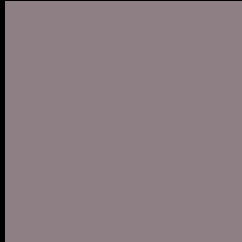
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 47.5636, 2.9983, 1.6999 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 47.5636, 2.9983, 1.6999 Background



This preview shows how black text looks on a background with the HunterLab color 47.5636, 2.9983, 1.6999.



This preview shows how white text looks on a background with the HunterLab color 47.5636, 2.9983,



# 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

47.5636, 2.9983, 1.6999

### Protanopia

47.5606, -1.1447, 0.7119

### Deuteranopia

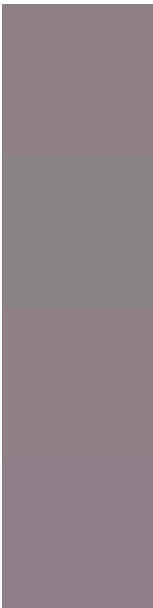
47.6569, 3.3118, 1.8170



## Tritanopia

47.3815, 3.9566, 0.1188

# Trichromacy



**Original Color**  
47.5636, 2.9983, 1.6999

**Protanomaly**  
47.5983, 0.3560, 1.2418

**Deuteranomaly**  
47.6569, 3.3118, 1.8170

**Tritanomaly**  
47.3516, 3.7970, 0.5436

# Monochromacy



**Original Color**  
47.5636, 2.9983, 1.6999

**Achromatopsia**  
48.0354, -2.5630, 2.6099

**Achromatomaly**  
47.8178, -0.4340, 2.3905

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.5636, 2.9983, 1.6999 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(142, 127, 133) looks like.

```
.text, #text, p{  
    color:rgb(142, 127, 133)  
}
```

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(142, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 127, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.5636, 2.9983, 1.6999 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(142, 127, 133) }
```



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

```
.border{ border-color:rgb(142, 127, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 127, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 127, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 127, 133);  
box-shadow:4px 4px 4px 4px rgb(142, 127,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.5636, 2.9983, 1.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 127, 133) }
```

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

```
.background{ background-color: rgb(142,  
127, 133) }
```

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