

# Converting Colors

HunterLab(53.3652, -0.9281,  
6.2783)

Have a look what the booklet for  
HunterLab(53.3652, -0.9281, 6.2783)  
contains.

<b>HunterLab(53.4358, -0.9899, 6.2305)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(53.4358, -0.9899,  
6.2305)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99908A
RGB	153, 144, 138
RGB Percent	60%, 56%, 54%
CMY	0.4000, 0.4353, 0.4588
CMYK	0.00, 0.06, 0.10, 0.40
HSL	24°, 7%, 57%
HSV	24°, 10%, 60%
XYZ	27.6976, 28.5538, 28.0964
YIQ	146.0070, 7.2900, 0.0420

# Conversions

## Conversions Part 2

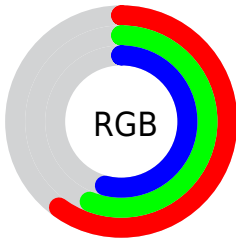
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 148, 138
Decimal	10064010
CIE <sub>Lab</sub>	60.39, 2.24, 4.37
CIE <sub>LCh</sub>	60, 4.912, 62.873
Yxy	28.5551, 0.3284, 0.3385
Android (android.graphics.Color)	4288254090 (0xFF99908A)
YUV	146.0070, -3.9475, 6.1329
Hunter-Lab	53.4358, -0.9899, 6.2305

# Details

The HunterLab color  $53.4358, -0.9899, 6.2305$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $53.4511, -4.4926, -0.5719$ , and the grayscale version is  $53.6307, -2.8616, 2.9139$ .

A 20% lighter version of the original color is  $75.7728, -2.2596, 8.0831$ , and  $33.9629, -0.3414, 4.8043$  is the 20% darker color. If you saturate the color by 10%, you get  $50.4724, 1.2669, 9.2254$ , and if you desaturate by 10%, it is  $56.5014, -3.0501, 3.0010$ .

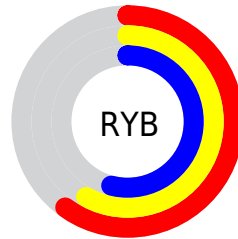
# Distribution



Red (60%)

Green (56%)

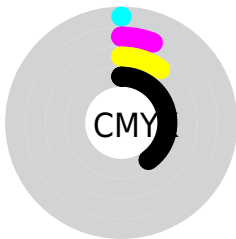
Blue (54%)



Red (60%)

Yellow (58%)

Blue (54%)

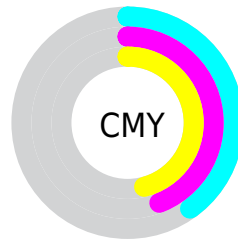


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4358, -0.9899, 6.2305 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 53.4358, -0.9899, 6.2305 by changing the saturation by 10% instead.



■ 53.4358, -0.9899,  
6.2305

■ 53.4358, -0.9899,  
6.2305

171.7877, -6.4362,  
14.3442

■ 43.2949, -0.5741,  
5.4385

■ 75.7426, -1.9560,  
7.8812

■ 33.8907, -0.2058,  
4.6656

■ 87.8306, -2.4970,  
8.7392

■ 25.2876, 0.1074,  
3.9099

■ 100.5008, -3.0739,  
9.6193

■ 17.5684, 0.3569,  
3.1659

113.7277, -3.6847,  
10.5214

■ 10.8492, 0.5295,  
2.4224

127.4889, -4.3277,  
11.4452

■ 2.0698, 4.6049,  
1.4488

141.7642, -5.0014,

0.0000, NaN, NaN

12.3904

0.0000, NaN, NaN

156.5359, -5.7047,  
13.3569

0.0000, NaN, NaN

■ 53.4358, -0.9899,  
6.2305

■ 53.4358, -0.9899,  
6.2305

■ 50.4724, 1.2669,  
9.2254

■ 56.5014, -3.0501,  
3.0010

■ 47.6179, 3.7416,  
11.9498

■ 59.6566, -4.9269,  
-0.4369

■ 44.8852, 6.4481,  
14.3657

■ 62.8948, -6.6387,  
-4.0581

■ 42.2876, 9.3974,  
16.4294

■ 66.2090, -8.2012,  
-7.8421

■ 39.8399, 12.5930,  
18.0936

■ 69.5934, -9.6293,  
-11.7717

■ 37.5581, 16.0262,  
19.3105

■ 73.0426, -10.9360,  
-15.8322

■ 35.4592, 19.6698,  
20.0381

■ 76.5521, -12.1335,  
-20.0112

■ 33.5599, 23.4711,  
20.2517

■ 79.8972, -14.4667,  
-21.2273

■ 31.8659, 27.3026,  
20.0976

■ 82.8923, -18.9876,  
-16.9242

# Harmonies

## Analogous

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



53.4370, 0.5967, 4.9617



53.4358, -0.9899, 6.2305



53.4370, -3.0574, 6.6220

# Triad

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



53.4370, -0.9913, 6.2313



53.4370, -6.8466, 2.7149



53.4370, -0.6338, -0.4358

# Complementary

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



53.4358, -0.9899, 6.2305



53.4511, -4.4926, -0.5719

# 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.



53.4370, -2.6506, -1.0918



53.4358, -0.9899, 6.2305



53.4370, -6.2196, 0.7709

# Square

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



53.4370, -0.9913, 6.2313



53.4370, -6.4177, 4.6390



53.4370, -4.6917, -0.6420



53.4370, 0.8054, 1.1186



# Rectangle

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



53.4358, -0.9899, 6.2305



53.4370, -4.4222, 6.3444



53.4370, -4.6917, -0.6420



53.4370, -1.2678, -0.7714

# Sweetspot

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



53.4370, -0.9913, 6.2313



74.2630, -3.2127, 5.4556



52.0157, 3.3165, 0.6453



34.7478, -1.4115, 2.7211



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



53.4370, -0.9913, 6.2313



70.5328, -0.6167, 9.3447



55.5898, -4.5735, 8.5283



25.7063, -0.5350, 2.9012



29.0479, 24.6130, 18.3300



4.4096, 1.0958, 2.7363



# Inverse Universe

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



53.4511, -4.4926, -0.5719



70.5562, -6.4499, -1.9904



51.2972, -0.9097, -3.2400



25.7127, -2.1157, -0.1702



28.7415, -1.0354, -33.6891



4.4095, -1.4804, -2.3157



# Previews

## White Background



This preview shows how the HunterLab color 53.4358, -0.9899, 6.2305 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

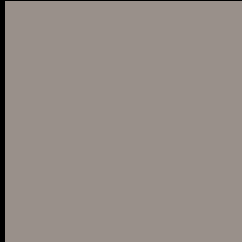
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.4358, -0.9899, 6.2305 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

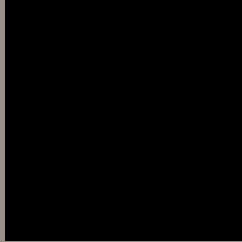
Any Text WCAG AA ✓ Pass

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 53.4358, -0.9899, 6.2305 Background



This preview shows how black text looks on a background with the HunterLab color 53.4358, -0.9899, 6.2305.



This preview shows how white text looks on a background with the HunterLab color 53.4358, -0.9899, 6.2305.



# 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

53.4358, -0.9899, 6.2305

### Protanopia

53.4779, -2.2526, 5.8327

### Deuteranopia

53.4745, 3.5078, 5.9296



## Tritanopia

53.4925, 2.9596, -0.3896

# Trichromacy



## Original Color

53.4358, -0.9899, 6.2305

## Protanomaly

53.5670, -1.9442, 5.9379

## Deuteranomaly

53.4612, 2.0390, 5.8890

## Tritanomaly

53.5286, 1.3437, 1.9750

# Monochromacy



## Original Color

53.4358, -0.9899, 6.2305

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.5010, -1.9502, 4.1344

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.4358, -0.9899, 6.2305 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(153, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 138)  
}
```

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(153, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 138) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.4358, -0.9899, 6.2305 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(153, 144, 138) }
```



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

```
.border{ border-color:rgb(153, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 144, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 144, 138); box-shadow:4px 4px 4px 4px rgb(153, 144, 138) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.4358, -0.9899, 6.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 138) }
```

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

```
.background{ background-color: rgb(153,  
144, 138) }
```

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