

# Converting Colors

HunterLab(53.7203, -0.5247,  
8.1999)

Have a look what the booklet for  
HunterLab(53.7203, -0.5247, 8.1999)  
contains.

**HunterLab(53.6990, -0.2974, 8.1813) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(53.6990, -0.2974,  
8.1813)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9D9086
RGB	157, 144, 134
RGB Percent	62%, 56%, 53%
CMY	0.3843, 0.4353, 0.4745
CMYK	0.00, 0.08, 0.15, 0.38
HSL	26°, 11%, 57%
HSV	26°, 15%, 62%
XYZ	28.1809, 28.8358, 26.6348
YIQ	146.7470, 10.9580, -0.3540

# Conversions

## Conversions Part 2

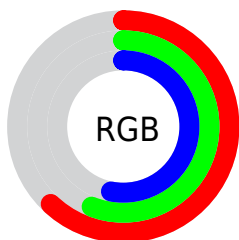
Format	Color
<a href="#">RYB</a>	<a href="#">157, 152, 134</a>
Decimal	<a href="#">10326150</a>
CIELab	<a href="#">60.64, 3.08, 7.05</a>
CIELCh	<a href="#">61, 7.693, 66.429</a>
Yxy	<a href="#">28.8371, 0.3369, 0.3447</a>
Android (android.graphics.Color)	<a href="#">4288516230</a> (0xFF9D9086)
YUV	<a href="#">146.7470, -6.2843, 8.9919</a>
Hunter-Lab	<a href="#">53.6990, -0.2974, 8.1813</a>

# Details

The HunterLab color  $53.6990, -0.2974, 8.1813$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $53.2631, -4.9007, -2.7733$ , and the grayscale version is  $53.9363, -2.8779, 2.9305$ .

A 20% lighter version of the original color is  $76.1400, -1.2220, 10.2863$ , and  $34.2194, 0.3481, 6.5594$  is the 20% darker color. If you saturate the color by 10%, you get  $50.8411, 1.8740, 11.2634$ , and if you desaturate by 10%, it is  $56.6590, -2.2566, 4.8113$ .

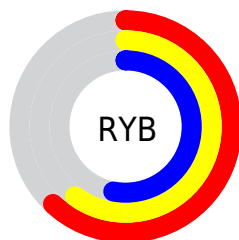
# Distribution



Red (62%)

Green (56%)

Blue (53%)



Red (62%)

Yellow (60%)

Blue (53%)

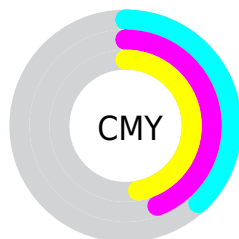


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (38%)



Cyan (38%)

Magenta (44%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6990, -0.2974, 8.1813 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 53.6990, -0.2974, 8.1813 by changing the saturation by 10% instead.





 53.6990, -0.2974,  
8.1813


 53.6990, -0.2974,  
8.1813


172.1760, -5.4266,  
17.3566

 43.5404, 0.0736,  
7.2341

 76.0383, -1.1818,  
10.1112

 34.1170, 0.3937,  
6.2920


 88.1411, -1.6850,  
11.0966

 25.4928, 0.6546,  
5.3486

 100.8256, -2.2257,  
12.0978

 17.7502, 0.8464,  
4.3911

114.0662, -2.8018,  
13.1153

 11.0041, 0.9535,  
3.4503

127.8405, -3.4115,  
14.1497

 2.6568, 4.9038,  
1.8598

142.1285, -4.0531,


0.0000, NaN, NaN


15.2013


0.0000, NaN, NaN


156.9123, -4.7252,  
16.2703


0.0000, NaN, NaN


 53.6990, -0.2974,  
8.1813

 53.6990, -0.2974,  
8.1813


 50.8411, 1.8740,  
11.2634


 56.6590, -2.2566,  
4.8113


 48.0913, 4.2790,  
14.0176


 59.7087, -4.0162,  
1.1837


 45.4619, 6.9299,  
16.4029


 62.8417, -5.5949,  
-2.6719


 42.9651, 9.8365,  
18.3741


 66.0514, -7.0090,  
-6.7312


 40.6141, 12.9999,  
19.8850


 69.3317, -8.2737,  
-10.9729


 38.4231, 16.4092,  
20.8930


 72.6775, -9.4030,  
-15.3792


 36.4062, 20.0348,  
21.3678

 76.0842, -10.4095,  
-19.9344

 34.5766, 23.8205,  
21.3093

 79.3589, -12.3568,  
-21.9983

 33.6698, 25.8431,  
21.1996

 82.2310, -16.7648,  
-17.8369

# Harmonies

## Analogous

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



53.7002, 2.3499, 6.3959



53.6990, -0.2974, 8.1813



53.7002, -3.5790, 8.5988

# Triad

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



53.7002, -0.2990, 8.1821



53.7002, -9.0483, 2.2406



53.7002, 0.9642, -2.1807

# Complementary

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



53.6990, -0.2974, 8.1813



53.2631, -4.9007, -2.7733

# 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.



53.7002, -2.1536, -3.4489



53.6990, -0.2974, 8.1813



53.7002, -7.8944, -0.7984

# Square

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



53.7002, -0.2990, 8.1821



53.7002, -8.5788, 5.2885



53.7002, -5.3900, -2.9284



53.7002, 3.0915, 0.4448



# Rectangle

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



53.6990, -0.2974, 8.1813



53.7002, -5.6720, 8.0676



53.7002, -5.3900, -2.9284



53.7002, -0.0056, -2.7869

# Sweetspot

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



53.7002, -0.2990, 8.1821



76.0537, -3.1615, 6.1697



51.3092, 6.5717, -0.1821



35.5416, -1.4004, 3.0509



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805



# Same Dimension

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



53.7002, -0.2990, 8.1821



70.4329, 0.6403, 12.5219



56.9982, -5.7741, 11.5594



26.6401, -0.6656, 3.0823



30.4607, 22.9997, 19.1724



4.9854, 1.0912, 3.0911



# Inverse Universe

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



53.2631, -4.9007, -2.7733



69.7029, -7.0372, -5.7652



49.9802, 0.5923, -7.0323



26.5064, -2.0746, -0.2706



27.9583, 1.2715, -37.6903



4.7227, -1.3774, -2.9295



# Previews

## White Background



This preview shows how the HunterLab color 53.6990, -0.2974, 8.1813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

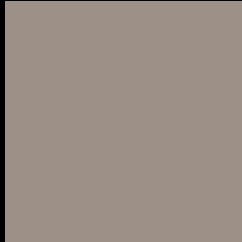
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 53.6990, -0.2974, 8.1813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

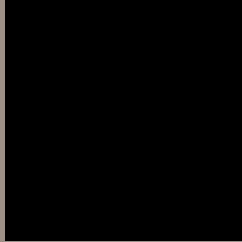
Any Text WCAG AA ✓ Pass

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 53.6990, -0.2974, 8.1813 Background



This preview shows how black text looks on a background with the HunterLab color 53.6990, -0.2974, 8.1813.



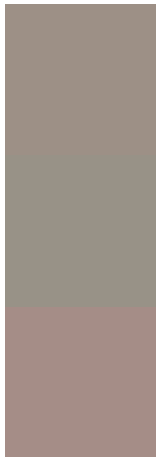
This preview shows how white text looks on a background with the HunterLab color 53.6990, -0.2974,



# 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

53.6990, -0.2974, 8.1813

### Protanopia

53.8353, -2.6963, 7.8818

### Deuteranopia

53.6641, 3.9297, 7.8117



## Tritanopia

53.5609, 4.5500, 0.2004

# Trichromacy



## Original Color

53.6990, -0.2974, 8.1813

## Protanomaly

53.7309, -1.5913, 7.7877

## Deuteranomaly

53.6439, 2.4426, 7.7636

## Tritanomaly

53.5345, 2.6238, 3.3656

# Monochromacy



## Original Color

53.6990, -0.2974, 8.1813

## Achromatopsia

54.0158, -2.8821, 2.9348

## Achromatomaly

53.9352, -1.9719, 5.0682

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.6990, -0.2974, 8.1813 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(157, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 134)  
}
```

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(157, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.6990, -0.2974, 8.1813 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(157, 144, 134) }
```



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

```
.border{ border-color:rgb(157, 144, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(157, 144,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.6990, -0.2974, 8.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 134) }
```

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

```
.background{ background-color: rgb(157,  
144, 134) }
```

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