

# Converting Colors

HunterLab(54.3341, -5.7297,  
5.3696)

Have a look what the booklet for  
HunterLab(54.3341, -5.7297, 5.3696)  
contains.

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# Color

HunterLab(54.2007, -5.4986,  
5.3078)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90958E
RGB	144, 149, 142
RGB Percent	56%, 58%, 56%
CMY	0.4353, 0.4157, 0.4431
CMYK	0.03, 0.00, 0.05, 0.42
HSL	103°, 3%, 57%
HSV	103°, 5%, 58%
XYZ	27.1315, 29.3772, 29.8316
YIQ	146.7070, -0.7330, -3.2370

# Conversions

## Conversions Part 2

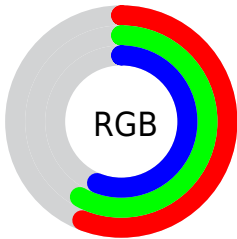
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 149, 147
Decimal	9475470
CIE Lab	61.11, -3.17, 3.06
CIE LCh	61, 4.403, 136.030
Yxy	29.3784, 0.3142, 0.3403
Android (android.graphics.Color)	4287665550 (0xFF90958E)
YUV	146.7070, -2.3206, -2.3740
Hunter-Lab	54.2007, -5.4986, 5.3078

# Details

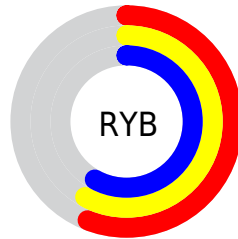
The HunterLab color  $54.2007, -5.4986, 5.3078$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $52.6496, -0.1515, 0.4181$ , and the grayscale version is  $53.9081, -2.8764, 2.9289$ .

A 20% lighter version of the original color is  $76.6180, -6.8580, 6.6782$ , and  $34.4786, -3.8265, 3.7671$  is the 20% darker color. If you saturate the color by 10%, you get  $52.9589, -10.7254, 9.9277$ , and if you desaturate by 10%, it is  $55.5523, 0.0633, 0.2347$ .

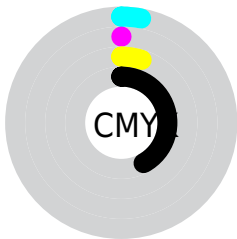
# Distribution



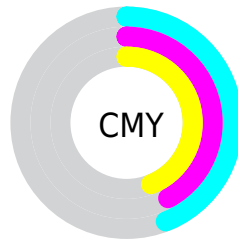
- Red (56%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.2007, -5.4986, 5.3078 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 54.2007, -5.4986, 5.3078 by changing the saturation by 10% instead.



■ 54.2007, -5.4986,  
5.3078

■ 54.2007, -5.4986,  
5.3078

172.9151,  
-13.0900, 12.9273

■ 44.0083, -4.7772,  
4.5880

■ 76.6014, -7.0203,  
6.8287

■ 34.5485, -4.0795,  
3.8937

■ 88.7326, -7.8176,  
7.6274

■ 25.8845, -3.4062,  
3.2252

■ 101.4442, -8.6389,  
8.4512

■ 18.0977, -2.7552,  
2.5806

114.7107, -9.4838,  
9.2995

■ 11.3008, -2.1211,  
1.9546

128.5099,  
-10.3519, 10.1717

■ 3.5120, -4.1190,  
2.4584

142.8219,

0.0000, NaN, NaN

-11.2426, 11.0675

0.0000, NaN, NaN

157.6290,  
-12.1554, 11.9862

0.0000, NaN, NaN

■ 54.2007, -5.4986,  
5.3078

■ 54.2007, -5.4986,  
5.3078

■ 52.9589, -10.7254,  
9.9277

■ 55.5523, 0.0633,  
0.2347

■ 51.8266, -15.5763,  
14.0588

■ 57.0067, 5.9266,  
-5.2583

■ 50.8072, -20.0169,  
17.6735

■ 58.5610, 12.0539,  
-11.1339

■ 49.9022, -24.0153,  
20.7497

■ 60.2110, 18.4109,  
-17.3557

■ 49.1121, -27.5451,  
23.2745

■ 61.9524, 24.9659,  
-23.8888

■ 48.4360, -30.5873,  
25.2466

■ 63.7807, 31.6900,  
-30.7001

■ 47.8717, -33.1331,  
26.6786

■ 65.6916, 38.5578,  
-37.7591

■ 47.4151, -35.1857,  
27.6006

■ 67.3802, 44.1150,  
-40.9567

■ 47.0600, -36.7652,  
28.0688

■ 68.7079, 47.7662,  
-38.4659

# Harmonies

## Analogous

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



54.2019, -3.9004, 6.1860



54.2007, -5.4986, 5.3078



54.2019, -6.3956, 3.7828

# Triad

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



54.2019, -5.4999, 5.3086



54.2019, -3.7743, -0.5324



54.2019, 0.6619, 3.9015

# Complementary

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



54.2007, -5.4986, 5.3078



52.6496, -0.1515, 0.4181

# 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.



54.2019, 0.6968, 2.1045



54.2007, -5.4986, 5.3078



54.2019, -1.8822, -0.4980

# Square

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



54.2019, -5.4999, 5.3086



54.2019, -5.4087, 0.3885



54.2019, -0.2400, 0.4811



54.2019, -0.3346, 5.3929



# Rectangle

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



54.2007, -5.4986, 5.3078



54.2019, -6.4812, 2.5839



54.2019, -0.2400, 0.4811



54.2019, 0.7870, 3.3143

# Sweetspot

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



54.2019, -5.4999, 5.3086



73.1813, -4.6708, 4.6741



54.0187, -3.0127, 5.1443



34.4561, -2.1764, 2.1800



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



54.2019, -5.4999, 5.3086



72.2875, -8.3832, 8.0213



54.0761, -5.8655, 4.5514



25.7473, -3.0688, 2.9313



43.0449, -34.2979, 25.9236



4.9012, -3.2172, 2.9638



# Inverse Universe

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



52.6496, -0.1515, 0.4181



69.5855, 0.9273, -0.4927



52.7843, 0.2255, 1.2440



24.7348, 0.4202, -0.2594



21.0808, 44.7646, -53.5326



2.6340, 5.3593, -4.8764



# Previews

## White Background



This preview shows how the HunterLab color 54.2007, -5.4986, 5.3078 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

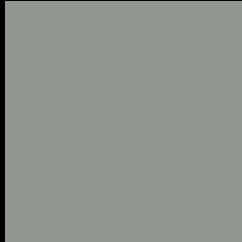
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.2007, -5.4986, 5.3078 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

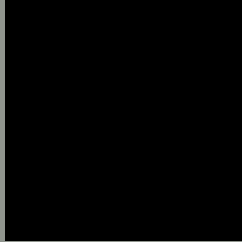
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

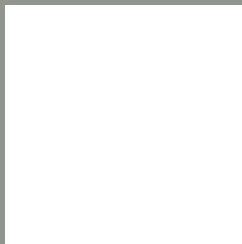
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 54.2007, -5.4986, 5.3078 Background



This preview shows how black text looks on a background with the HunterLab color 54.2007, -5.4986, 5.3078.



This preview shows how white text looks on a background with the HunterLab color 54.2007, -5.4986,



# 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

54.2007, -5.4986, 5.3078

### Protanopia

54.2825, -2.2947, 5.8846

### Deuteranopia

53.9590, 3.9379, 4.7642



## Tritanopia

54.3499, -1.0576, -1.8164

# Trichromacy



## Original Color

54.2007, -5.4986, 5.3078

## Protanomaly

54.3070, -3.6883, 5.8876

## Deuteranomaly

54.1312, 0.2186, 4.8961

## Tritanomaly

54.3671, -2.8458, 1.0553

# Monochromacy



## Original Color

54.2007, -5.4986, 5.3078

## Achromatopsia

54.0158, -2.8821, 2.9348

## Achromatomaly

54.1619, -3.9717, 3.9804

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.2007, -5.4986, 5.3078 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(144, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(144, 149, 142)  
}
```

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(144, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 149, 142) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.2007, -5.4986, 5.3078 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(144, 149, 142) }
```



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

```
.border{ border-color:rgb(144, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(144, 149,  
142) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.2007, -5.4986, 5.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 149, 142) }
```

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

```
.background{ background-color: rgb(144,  
149, 142) }
```

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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