

Converting Colors

HunterLab(55.4836, -12.8093,
15.9781)

Have a look what the booklet for
HunterLab(55.4836, -12.8093,
15.9781) contains.

HunterLab(55.5086, -12.7125, 16.0055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.5086,
-12.7125, 16.0055)**

Conversions

Conversions Part 1	
Format	Color
Hex	8E9C75
RGB	142, 156, 117
RGB Percent	56%, 61%, 46%
CMY	0.4431, 0.3882, 0.5412
CMYK	0.09, 0.00, 0.25, 0.39
HSL	82°, 16%, 54%
HSV	82°, 25%, 61%
XYZ	26.2547, 30.8120, 21.3932
YIQ	147.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

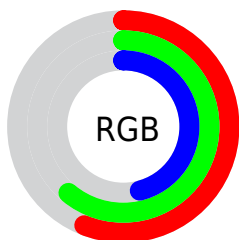
Format	Color
RYB	117, 156, 131
Decimal	9346165
CIELab	62.35, -12.08, 18.81
CIELCh	62, 22.359, 122.703
Yxy	30.8134, 0.3346, 0.3927
Android (android.graphics.Color)	4287536245 (0xFF8E9C75)
YUV	147.3680, -14.9714, -4.7077
Hunter-Lab	55.5086, -12.7125, 16.0055

Details

The HunterLab color **55.5086, -12.7125, 16.0055** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44.6643, 8.6543, -14.0806**, and the grayscale version is **54.2222, -2.8932, 2.9460**.

A 20% lighter version of the original color is **77.9060, -14.9628, 19.1767**, and **35.6997, -10.4272, 12.7328** is the 20% darker color. If you saturate the color by 10%, you get **54.7662, -16.0659, 20.0247**, and if you desaturate by 10%, it is **56.3200, -9.0691, 11.3365**.

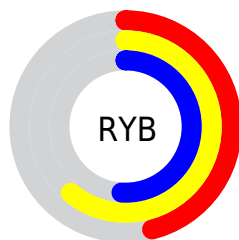
Distribution



Red (56%)

Green (61%)

Blue (46%)



Red (46%)

Yellow (61%)

Blue (51%)

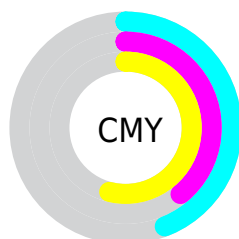


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (44%)


Magenta (39%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.5086, -12.7125, 16.0055 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 55.5086, -12.7125, 16.0055 by changing the saturation by 10% instead.


 55.5086, -12.7125,
16.0055


 55.5086, -12.7125,
16.0055

174.8364,
-23.9071, 30.0732


 45.2292, -11.4733,
14.3331


 78.0680, -15.1730,
19.2327

 35.6757, -10.2148,
12.5976


 90.2724, -16.4014,
20.8079

 26.9095, -8.9250,
10.7721


 103.0539,
-17.6334, 22.3675

 19.0089, -7.5817,
8.8122

116.3873,
-18.8711, 23.9164

 12.0820, -6.1433,
7.6071

130.2509,
-20.1162, 25.4587

 5.1004, -8.9256,
3.5703

144.6250,


0.0000, NaN, NaN


-21.3699, 26.9974


0.0000, NaN, NaN


159.4921,
-22.6333, 28.5349


0.0000, NaN, NaN


 55.5086, -12.7125,
16.0055


 55.5086, -12.7125,
16.0055


 54.7662, -16.0659,
20.0247


 56.3200, -9.0691,
11.3365

 54.0889, -19.1170,
23.3900


 57.1968, -5.1422,
6.0251


 53.4768, -21.8627,
26.1084

 58.1397, -0.9462,
0.0873

 52.9287, -24.3028,
28.1962

 59.1480, 3.5046,
-6.4566

 52.4421, -26.4419,
29.6816

 60.2206, 8.1945,
-13.5827

■ 52.0140, -28.2914,
30.6074

■ 61.3562, 13.1074,
-21.2643

■ 51.6397, -29.8729,
31.0400

■ 62.5535, 18.2269,
-29.4727

■ 51.4656, -30.6045,
31.1771

■ 63.8107, 23.5369,
-38.1781

■ 65.0064, 28.4246,
-45.7340

Harmonies

Analogous

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



55.5098, -3.8443, 18.0190



55.5086, -12.7125, 16.0055



55.5098, -18.6284, 10.5781

Triad

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



55.5098, -12.7139, 16.0061



55.5098, -11.2853, -15.2306



55.5098, 16.9826, 3.8542

Complementary

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



55.5086, -12.7125, 16.0055



44.6643, 8.6543, -14.0806

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.



55.5098, 14.6547, -5.7738



55.5086, -12.7125, 16.0055



55.5098, -2.0799, -17.8531

Square

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



55.5098, -12.7139, 16.0061



55.5098, -17.8444, -7.4776



55.5098, 7.5072, -14.1339



55.5098, 13.6686, 11.8013

Rectangle

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



55.5086, -12.7125, 16.0055



55.5098, -20.3269, 5.2344



55.5098, 7.5072, -14.1339



55.5098, 16.8341, 0.7137

Sweetspot

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



55.5098, -12.7139, 16.0061



76.6992, -8.6410, 10.4721



49.4894, 3.5343, 10.3940



35.8991, -4.4095, 5.3967



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.



55.5098, -12.7139, 16.0061



74.2369, -19.7099, 24.7083



54.0949, -17.9559, 14.5723



27.5702, -3.3226, 4.0582



46.7291, -27.6893, 28.3095



6.4301, -2.9845, 3.9100

Inverse Universe

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



44.6643, 8.6543, -14.0806



56.4974, 15.3794, -24.8677



46.4994, 14.4740, -11.2002



25.5839, 0.5672, -1.3902



16.3951, 40.1359, -82.8839



2.6608, 5.8853, -8.5793

Previews

White Background



This preview shows how the HunterLab color 55.5086, -12.7125, 16.0055 looks on a white background.

Color Contrast Check

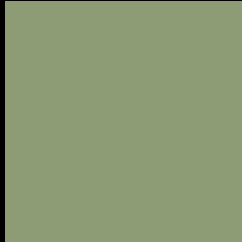
Large Text (above 18pt) WCAG AA × Fail

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 55.5086, -12.7125, 16.0055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

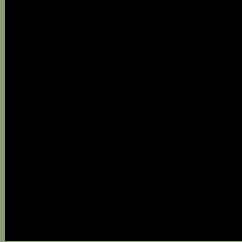
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 55.5086, -12.7125, 16.0055 Background



This preview shows how black text looks on a background with the HunterLab color 55.5086, -12.7125, 16.0055.



This preview shows how white text looks on a background with the HunterLab color 55.5086, -12.7125, 16.0055.

-12.7125, 16.0055.

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

55.5086, -12.7125, 16.0055

Protanopia

55.3215, -4.3979, 16.9503

Deuteranopia

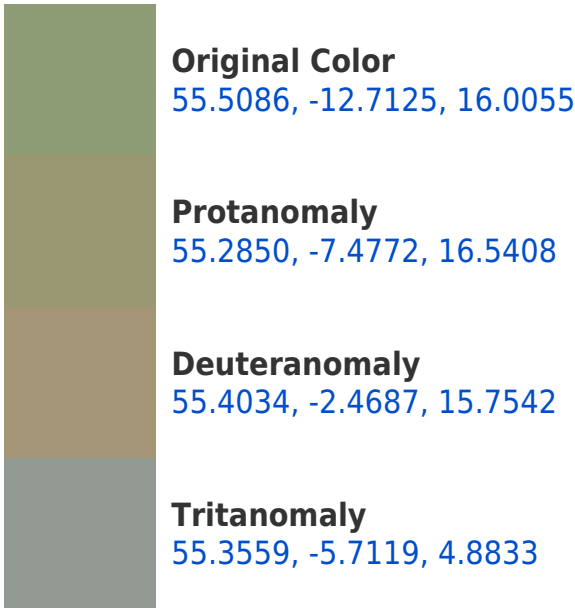
55.5093, 3.7013, 15.6279



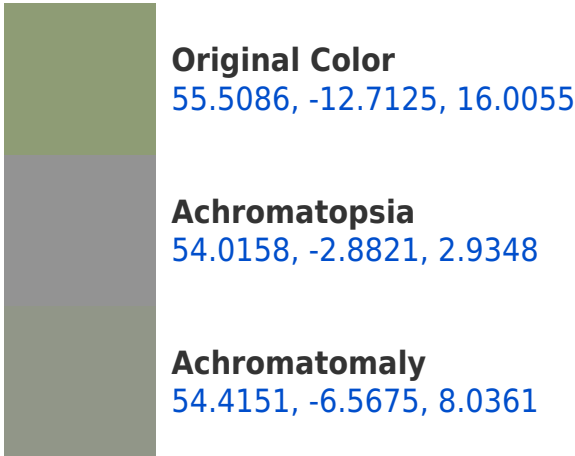
Tritanopia

55.4231, -1.5274, -2.4426

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5086, -12.7125, 16.0055 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, 156, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 117)  
}
```

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, 156, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5086, -12.7125, 16.0055 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, 156, 117) }
```


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

```
.border{ border-color:rgb(142, 156, 117) }
```

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

Here you see how a box with a 4 pixel rgb(142, 156, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5086, -12.7125, 16.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 117) }
```

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

```
.background{ background-color: rgb(142,  
156, 117) }
```

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