

Converting Colors

HunterLab(50.0055, -3.7696,
11.3587)

Have a look what the booklet for
HunterLab(50.0055, -3.7696,
11.3587) contains.

HunterLab(49.9688, -3.9699, 11.4757)	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(49.9688, -3.9699,
11.4757)

Conversions

Conversions Part 1

Format	Color
Hex	8F8973
RGB	143, 137, 115
RGB Percent	56%, 54%, 45%
CMY	0.4392, 0.4627, 0.5490
CMYK	0.00, 0.04, 0.20, 0.44
HSL	47°, 11%, 51%
HSV	47°, 20%, 56%
XYZ	23.3679, 24.9688, 19.8076
YIQ	136.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

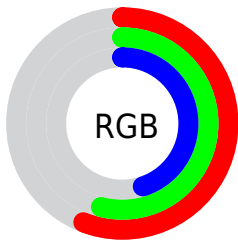
Format	Color
R_{YB}	123, 143, 115
Decimal	9406835
CIE Lab	57.05, -1.62, 12.62
CIE LCh	57, 12.721, 97.319
Yxy	24.9699, 0.3429, 0.3664
Android (android.graphics.Color)	4287596915 (0xFF8F8973)
YUV	136.2860, -10.4940, 5.8882
Hunter-Lab	49.9688, -3.9699, 11.4757

Details

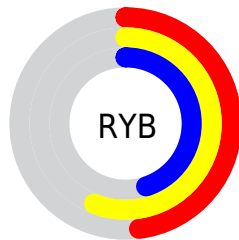
The HunterLab color $49.9688, -3.9699, 11.4757$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $43.9345, -0.2372, -8.0014$, and the grayscale version is $49.7705, -2.6556, 2.7041$.

A 20% lighter version of the original color is $71.7546, -5.1326, 13.9166$, and $30.8171, -2.7559, 8.7247$ is the 20% darker color. If you saturate the color by 10%, you get $48.7928, -4.2490, 15.1239$, and if you desaturate by 10%, it is $51.1940, -3.4739, 7.3096$.

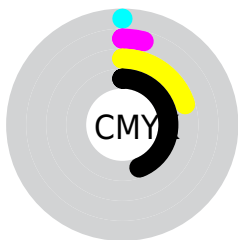
Distribution



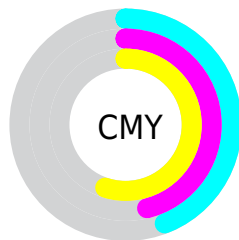
- Red (56%)
- Green (54%)
- Blue (45%)



- Red (48%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (44%)



- Cyan (44%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9688, -3.9699, 11.4757 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 49.9688, -3.9699, 11.4757 by changing the saturation by 10% instead.

■ 49.9688, -3.9699,
11.4757

■ 49.9688, -3.9699,
11.4757

166.6398,
-10.8518, 22.9151

■ 40.0683, -3.3491,
10.1832

■ 71.8390, -5.3085,
14.0147

■ 30.9238, -2.7594,
8.8579

■ 83.7260, -6.0211,
15.2743

■ 22.6055, -2.2036,
7.4796

■ 96.2047, -6.7616,
16.5339

■ 15.2052, -1.6827,
6.0113

■ 109.2483, -7.5290,
17.7964

■ 8.8320, -1.2713,
6.1824

122.8333, -8.3225,
19.0643

0.0000, NaN, NaN

136.9390, -9.1412,

0.0000, NaN, NaN

20.3391

0.0000, NaN, NaN

151.5467, -9.9845,
21.6224

0.0000, NaN, NaN

■ 49.9688, -3.9699,
11.4757

■ 49.9688, -3.9699,
11.4757

■ 48.7928, -4.2490,
15.1239

■ 51.1940, -3.4739,
7.3096

■ 47.6634, -4.3026,
18.2372

■ 52.4641, -2.7623,
2.6415

■ 46.5824, -4.1300,
20.8061

■ 53.7791, -1.8436,
-2.5074

■ 45.5499, -3.7318,
22.8263

■ 55.1376, -0.7255,
-8.1155

■ 44.5656, -3.1117,
24.3015

■ 56.5383, 0.5837,
-14.1601

■ 43.6287, -2.2778,
25.2465

■ 57.9799, 2.0755,
-20.6186

■ 42.7371, -1.2440,
25.6908

■ 59.4611, 3.7409,
-27.4682

■ 41.8814, -0.0672,
25.7815

■ 60.9803, 5.5713,
-34.6869

■ 41.8457, -0.0173,
25.7848

■ 62.5363, 7.5580,
-42.2532

Harmonies

Analogous

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



49.9699, 1.3553, 10.9246



49.9688, -3.9699, 11.4757



49.9699, -8.7473, 9.8859

Triad

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



49.9699, -3.9713, 11.4764



49.9699, -10.5810, -3.5764



49.9699, 7.1698, -1.1978

Complementary

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



49.9688, -3.9699, 11.4757



43.9345, -0.2372, -8.0014

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.



49.9699, 3.7145, -5.6948



49.9688, -3.9699, 11.4757



49.9699, -6.5697, -7.1656

Square

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



49.9699, -3.9713, 11.4764



49.9699, -12.4578, 1.4586



49.9699, -1.3531, -7.9789



49.9699, 7.9368, 3.9494

Rectangle

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



49.9688, -3.9699, 11.4757



49.9699, -11.0271, 7.7154



49.9699, -1.3531, -7.9789



49.9699, 6.2774, -2.8511

Sweetspot

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



49.9699, -3.9713, 11.4764



69.0889, -4.3520, 7.6993



44.1402, 7.3294, 3.0003



33.0393, -2.1084, 3.8528



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9699, -3.9713, 11.4764



66.2478, -5.4950, 17.3487



51.0288, -9.1269, 12.4380



24.6821, -1.6614, 3.4350



39.3874, -0.0837, 24.2688



4.2411, -0.6452, 2.6020

Inverse Universe

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



43.9345, -0.2372, -8.0014



56.6057, 0.5091, -13.8559



42.9547, 4.8144, -9.3165



23.3038, -0.8175, -0.9932



16.2159, 24.6989, -73.5863



2.2876, 0.6546, -4.2725

Previews

White Background



This preview shows how the HunterLab color 49.9688, -3.9699, 11.4757 looks on a white background.

Color Contrast Check

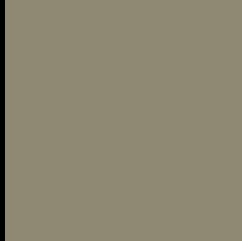
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9688, -3.9699, 11.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

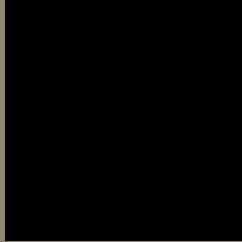
Any Text WCAG AA ✓ Pass

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 49.9688, -3.9699, 11.4757 Background



This preview shows how black text looks on a background with the HunterLab color 49.9688, -3.9699, 11.4757.



This preview shows how white text looks on a background with the HunterLab color 49.9688, -3.9699, 11.4757.

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

49.9688, -3.9699, 11.4757

Protanopia

50.0584, -3.6561, 11.5709

Deuteranopia

49.9315, 3.0943, 11.2019



Tritanopia

49.9613, 3.2378, 0.0038

Trichromacy



Original Color

49.9688, -3.9699, 11.4757

Protanomaly

50.0584, -3.6561, 11.5709

Deuteranomaly

49.9865, 0.4634, 11.2113

Tritanomaly

49.8544, 0.8790, 4.3454

Monochromacy



Original Color

49.9688, -3.9699, 11.4757

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.6546, -2.9638, 6.1601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9688, -3.9699, 11.4757 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(143, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 115)  
}
```

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(143, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9688, -3.9699, 11.4757 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(143, 137, 115) }
```


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

```
.border{ border-color:rgb(143, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9688, -3.9699, 11.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 115) }
```

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

```
.background{ background-color: rgb(143,  
137, 115) }
```

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