

Converting Colors

HunterLab(47.6069, -0.0183,
-0.4691)

Have a look what the booklet for
HunterLab(47.6069, -0.0183,
-0.4691) contains.

HunterLab(47.4574, 0.1134, -0.7949)	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(47.4574, 0.1134,
-0.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	85818A
RGB	133, 129, 138
RGB Percent	52%, 51%, 54%
CMY	0.4784, 0.4941, 0.4588
CMYK	0.04, 0.07, 0.00, 0.46
HSL	267°, 4%, 52%
HSV	267°, 7%, 54%
XYZ	22.1106, 22.5220, 27.2266
YIQ	131.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

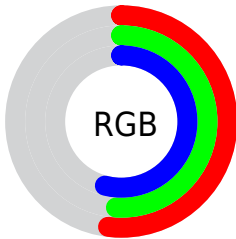
Format	Color
RYB	133, 129, 138
Decimal	8749450
CIELab	54.58, 3.30, -4.32
CIELCh	55, 5.432, 307.381
Yxy	22.5230, 0.3077, 0.3134
Android (android.graphics.Color)	4286939530 (0xFF85818A)
YUV	131.2220, 3.3416, 1.5593
Hunter-Lab	47.4574, 0.1134, -0.7949

Details

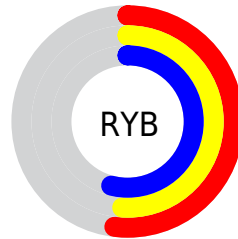
The HunterLab color $[47.4574, 0.1134, -0.7949]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[49.8306, -5.2325, 5.9010]$, and the grayscale version is $[47.7168, -2.5460, 2.5925]$.

A 20% lighter version of the original color is $[69.0338, -0.8805, 0.1897]$, and $[28.8561, 0.7597, -1.1756]$ is the 20% darker color. If you saturate the color by 10%, you get $[43.0441, 4.4908, -6.5182]$, and if you desaturate by 10%, it is $[52.0142, -4.1708, 4.5692]$.

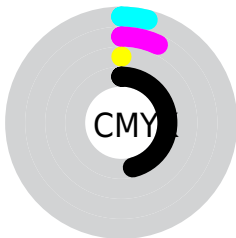
Distribution



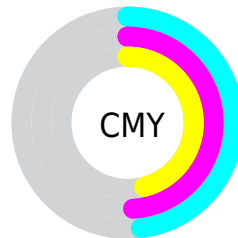
- Red (52%)
- Green (51%)
- Blue (54%)



- Red (52%)
- Yellow (51%)
- Blue (54%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4574, 0.1134, -0.7949 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 47.4574, 0.1134, -0.7949 by changing the saturation by 10% instead.

■ 47.4574, 0.1134,
-0.7949

■ 47.4574, 0.1134,
-0.7949

162.8697, -4.7303,
3.8705

■ 37.7382, 0.4412,
-1.0929

■ 68.9992, -0.6937,
-0.0407

■ 28.7906, 0.7127,
-1.3317

■ 80.7356, -1.1623,
0.4049

■ 20.6891, 0.9182,
-1.5016

■ 93.0708, -1.6706,
0.8920

■ 13.5337, 1.0443,
-1.5898

105.9773, -2.2159,
1.4180

■ 7.1188, 1.6385,
-2.1259

119.4307, -2.7962,
1.9807

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4096, -3.4097,

2.5780

0.0000, NaN, NaN

147.8950, -4.0549,
3.2085

0.0000, NaN, NaN

■ 47.4574, 0.1134,
-0.7949

■ 47.4574, 0.1134,
-0.7949

■ 43.0441, 4.4908,
-6.5182

■ 52.0142, -4.1708,
4.5692

■ 38.7929, 8.9831,
-12.6886

■ 56.6943, -8.3772,
9.6421

■ 34.7335, 13.6033,
-19.4042

■ 61.4854, -12.5233,
14.4812

■ 30.9034, 18.3496,
-26.7682

■ 66.3767, -16.6234,
19.1320

■ 27.3526, 23.1831,
-34.8602

■ 71.3593, -20.6893,
23.6307

■ 24.1467, 27.9851,
-43.6716

■ 76.4258, -24.7308,
28.0064

■ 21.3681, 32.4938,
-52.9823

■ 81.5703, -28.7558,
32.2824

■ 19.1098, 36.2440,
-62.1926

■ 86.7873, -32.7708,
36.4775

■ 17.4033, 38.8078,
-70.5146

■ 92.0725, -36.7811,
40.6069

Harmonies

Analogous

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



47.4584, -1.9794, -1.6686



47.4574, 0.1134, -0.7949



47.4584, 1.5127, 0.9780

Triad

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



47.4584, 0.1123, -0.7941



47.4584, -0.8645, 6.2168



47.4584, -6.7370, 2.0531

Complementary

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



47.4574, 0.1134, -0.7949



49.8306, -5.2325, 5.9010

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.



47.4584, -6.4510, 4.1344



47.4574, 0.1134, -0.7949



47.4584, -3.0876, 6.4749

Square

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



47.4584, 0.1123, -0.7941



47.4584, 0.9414, 5.0074



47.4584, -5.1251, 5.7294



47.4584, -5.9138, 0.0241

Rectangle

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



47.4574, 0.1134, -0.7949



47.4584, 1.8512, 2.3954



47.4584, -5.1251, 5.7294



47.4584, -6.7671, 2.7704

Sweetspot

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



47.4584, 0.1123, -0.7941



65.6944, -2.4111, 2.1871



48.5601, -3.4478, 0.5039



31.1524, -1.1793, 1.0827



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.4584, 0.1123, -0.7941



62.0269, 1.0994, -2.2731



47.8421, 1.4204, -0.2938



22.3470, 0.6058, -1.0924



16.1545, 38.0793, -70.2909



1.6062, 3.4465, -4.3559

Inverse Universe

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



47.7766, 0.9598, 1.4656



62.5608, 2.5113, 1.5303



49.4740, -6.4959, 5.4810



22.5656, 1.1813, 0.4677



23.3328, 42.0588, -1.2068



1.9779, 3.7012, -1.1559

Previews

White Background



This preview shows how the HunterLab color 47.4574, 0.1134, -0.7949 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 47.4574, 0.1134, -0.7949 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

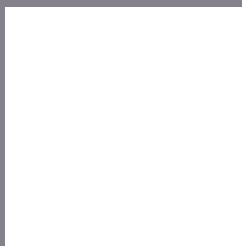
Any Text WCAG AAA × Fail

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

HunterLab 47.4574, 0.1134, -0.7949 Background



This preview shows how black text looks on a background with the HunterLab color 47.4574, 0.1134, -0.7949.



This preview shows how white text looks on a background with the HunterLab color 47.4574, 0.1134, -0.7949.

-0.7949.

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

47.4574, 0.1134, -0.7949

Protanopia

47.5663, -0.9447, -0.6775

Deuteranopia

47.5281, 3.1765, -0.6530



Tritanopia

47.4880, 0.2795, -1.2298

Trichromacy

**Original Color**

47.4574, 0.1134, -0.7949

Protanomaly

47.6506, -0.6547, -0.5675

Deuteranomaly

47.5307, 1.7817, -0.6741

Tritanomaly

47.4880, 0.2795, -1.2298

Monochromacy

**Original Color**

47.4574, 0.1134, -0.7949

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.5311, -1.3055, 1.1315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4574, 0.1134, -0.7949 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(133, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(133, 129, 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(133, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 129, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4574, 0.1134, -0.7949 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(133, 129, 138) }
```


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

```
.border{ border-color:rgb(133, 129, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 129, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(133, 129,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4574, 0.1134, -0.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 129, 138) }
```

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

```
.background{ background-color: rgb(133,  
129, 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