

Converting Colors

HunterLab(47.5549, -2.3936,
4.0112)

Have a look what the booklet for
HunterLab(47.5549, -2.3936, 4.0112)
contains.

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Color

HunterLab(47.7259, -2.4146,
3.9959)

Conversions

Conversions Part 1

Format	Color
Hex	858380
RGB	133, 131, 128
RGB Percent	52%, 51%, 50%
CMY	0.4784, 0.4863, 0.4980
CMYK	0.00, 0.02, 0.04, 0.48
HSL	36°, 2%, 51%
HSV	36°, 4%, 52%
XYZ	21.6854, 22.7776, 23.6756
YIQ	131.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

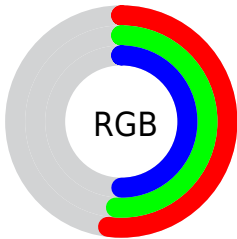
Format	Color
R_{YB}	131, 133, 128
Decimal	8749952
CIE _{Lab}	54.84, 0.17, 1.88
CIE _{LCh}	55, 1.885, 84.899
Yxy	22.7786, 0.3183, 0.3343
Android (android.graphics.Color)	4286940032 (0xFF858380)
YUV	131.2560, -1.6052, 1.5295
Hunter-Lab	47.7259, -2.4146, 3.9959

Details

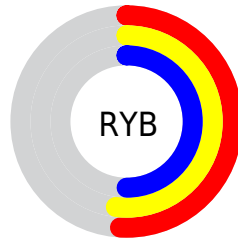
The HunterLab color $47.7259, -2.4146, 3.9959$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.1673, -2.6226, 1.1245$, and the grayscale version is $47.7483, -2.5477, 2.5943$.

A 20% lighter version of the original color is $69.3226, -3.5619, 5.2646$, and $29.1272, -1.4269, 2.8658$ is the 20% darker color. If you saturate the color by 10%, you get $45.8912, -1.8498, 7.4068$, and if you desaturate by 10%, it is $49.6148, -2.8123, 0.2694$.

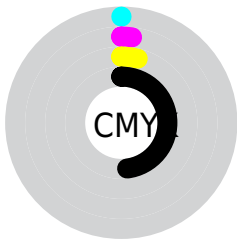
Distribution



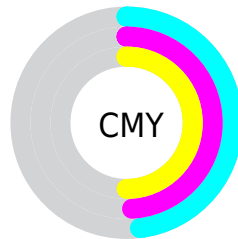
- Red (52%)
- Green (51%)
- Blue (50%)



- Red (51%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7259, -2.4146, 3.9959 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 47.7259, -2.4146, 3.9959 by changing the saturation by 10% instead.

■ 47.7259, -2.4146,
3.9959

■ 47.7259, -2.4146,
3.9959

■ 163.2746, -8.5198,
11.0133

■ 37.9870, -1.9053,
3.3607

■ 69.3033, -3.5506,
5.3617

■ 29.0180, -1.4369,
2.7573

■ 81.0560, -4.1702,
6.0886

■ 20.8929, -1.0146,
2.1873

■ 93.4068, -4.8222,
6.8438

■ 13.7107, -0.6442,
1.6509

■ 106.3281, -5.5050,
7.6263

■ 7.3226, -0.2914,
1.4611

■ 119.7958, -6.2172,
8.4352

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.7884, -6.9578,

9.2699

0.0000, NaN, NaN

148.2870, -7.7256,
10.1295

0.0000, NaN, NaN

■ 47.7259, -2.4146,
3.9959

■ 47.7259, -2.4146,
3.9959

■ 45.8912, -1.8498,
7.4068

■ 49.6148, -2.8123,
0.2694

■ 44.1110, -1.1038,
10.4744

■ 51.5517, -3.0498,
-3.7509

■ 42.3896, -0.1680,
13.1733

■ 53.5348, -3.1387,
-8.0418

■ 40.7307, 0.9666,
15.4773

■ 55.5615, -3.0890,
-12.5825

■ 39.1379, 2.3070,
17.3613

■ 57.6293, -2.9103,
-17.3539

■ 37.6149, 3.8572,
18.8037

■ 59.7358, -2.6114,
-22.3387

■ 36.1650, 5.6174,
19.7889

■ 61.8791, -2.2008,
-27.5211

■ 34.7913, 7.5812,
20.3116

■ 64.0571, -1.6862,
-32.8869

■ 33.4955, 9.7326,
20.3882

■ 66.2681, -1.0747,
-38.4231

Harmonies

Analogous

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



47.7269, -1.6840, 3.7500



47.7259, -2.4146, 3.9959



47.7269, -3.1787, 3.8734

Triad

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



47.7269, -2.4158, 3.9966



47.7269, -3.9014, 1.9936



47.7269, -1.3164, 1.7706

Complementary

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



47.7259, -2.4146, 3.9959



47.1673, -2.6226, 1.1245

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.



47.7269, -1.9163, 1.2862



47.7259, -2.4146, 3.9959



47.7269, -3.4081, 1.4164

Square

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



47.7269, -2.4158, 3.9966



47.7269, -4.0332, 2.7245



47.7269, -2.6824, 1.1555



47.7269, -1.0467, 2.4709

Rectangle

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



47.7259, -2.4146, 3.9959



47.7269, -3.6027, 3.5971



47.7269, -2.6824, 1.1555



47.7269, -1.4863, 1.5766

Sweetspot

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



47.7269, -2.4158, 3.9966



64.5528, -3.3999, 4.0241



46.9434, -0.6967, 2.2402



30.6483, -1.6157, 1.8935



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



47.7269, -2.4158, 3.9966



63.5313, -3.1438, 5.9920



48.2491, -3.4966, 4.5741



22.9511, -1.1285, 2.2293



31.9566, 10.7963, 19.8805



2.2293, -0.0146, 1.3734

Inverse Universe

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



47.1673, -2.6226, 1.1245



62.5139, -3.5196, 0.7701



46.6478, -1.5418, 0.5126



22.5572, -1.2740, 0.2075



20.1617, 11.2734, -49.5364



1.6644, -0.2286, -1.5869

Previews

White Background



This preview shows how the HunterLab color 47.7259, -2.4146, 3.9959 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 47.7259, -2.4146, 3.9959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

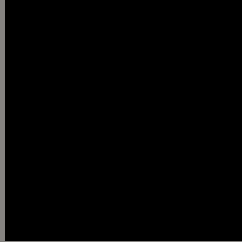
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

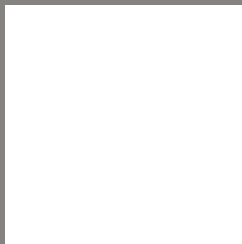
Any Text WCAG AAA × Fail

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

HunterLab 47.7259, -2.4146, 3.9959 Background



This preview shows how black text looks on a background with the HunterLab color 47.7259, -2.4146, 3.9959.



This preview shows how white text looks on a background with the HunterLab color 47.7259, -2.4146, 3.9959.

3.9959.

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

47.7259, -2.4146, 3.9959

Protanopia

47.8116, -2.1173, 4.0992

Deuteranopia

47.7320, 3.3363, 3.6727



Tritanopia

47.6608, 0.8690, -1.0025

Trichromacy



Original Color

47.7259, -2.4146, 3.9959

Protanomaly

47.8116, -2.1173, 4.0992

Deuteranomaly

47.6299, 1.5924, 3.5239

Tritanomaly

47.7314, -0.5565, 0.9298

Monochromacy



Original Color

47.7259, -2.4146, 3.9959

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6968, -2.4044, 3.0961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7259, -2.4146, 3.9959 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, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(133, 131, 128)  
}
```

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, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 131, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7259, -2.4146, 3.9959 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, 131, 128) }
```


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

```
.border{ border-color:rgb(133, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(133, 131,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7259, -2.4146, 3.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 131, 128) }
```

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

```
.background{ background-color: rgb(133,  
131, 128) }
```

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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