

Converting Colors

HunterLab(48.9003, -4.8108,
1.9174)

Have a look what the booklet for
HunterLab(48.9003, -4.8108, 1.9174)
contains.

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Color

**HunterLab(48.9644, -4.9390,
1.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	808888
RGB	128, 136, 136
RGB Percent	50%, 53%, 53%
CMY	0.4980, 0.4667, 0.4667
CMYK	0.06, 0.00, 0.00, 0.47
HSL	180°, 3%, 52%
HSV	180°, 6%, 53%
XYZ	22.1502, 23.9751, 26.7528
YIQ	133.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

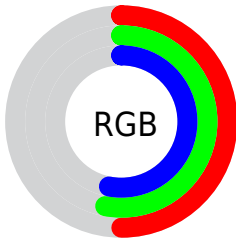
Format	Color
R_{YB}	128, 132, 136
Decimal	8423560
CIE Lab	56.06, -2.92, -1.02
CIE LCh	56, 3.097, 199.203
Yxy	23.9761, 0.3039, 0.3290
Android (android.graphics.Color)	4286613640 (0xFF808888)
YUV	133.6080, 1.1793, -4.9182
Hunter-Lab	48.9644, -4.9390, 1.8806

Details

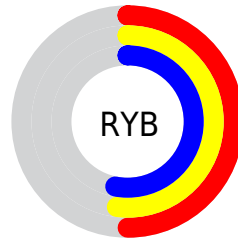
The HunterLab color $48.9644, -4.9390, 1.8806$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.1505, -0.0989, 3.3708$, and the grayscale version is $48.6686, -2.5968, 2.6443$.

A 20% lighter version of the original color is $70.6350, -6.2566, 3.0040$, and $29.9829, -3.4619, 1.0049$ is the 20% darker color. If you saturate the color by 10%, you get $47.9490, -8.5631, 0.5955$, and if you desaturate by 10%, it is $50.1024, -0.9776, 3.2898$.

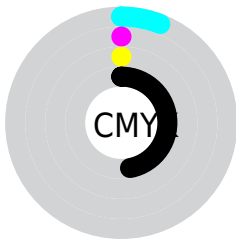
Distribution



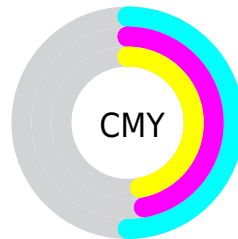
- Red (50%)
- Green (53%)
- Blue (53%)



- Red (50%)
- Yellow (52%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9644, -4.9390, 1.8806 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 48.9644, -4.9390, 1.8806 by changing the saturation by 10% instead.

■ 48.9644, -4.9390,
1.8806

■ 48.9644, -4.9390,
1.8806

165.1363,
-12.3247, 7.8185

■ 39.1356, -4.2444,
1.4018

■ 70.7045, -6.4094,
2.9641

■ 30.0689, -3.5748,
0.9683

■ 82.5318, -7.1824,
3.5617

■ 21.8362, -2.9305,
0.5862

■ 94.9536, -7.9804,
4.1938

■ 14.5324, -2.3087,
0.2628

107.9428, -8.8026,
4.8587

■ 8.1934, -1.9932,
-0.0694

121.4756, -9.6487,
5.5549

0.0000, NaN, NaN

135.5310,

0.0000, NaN, NaN

-10.5181, 6.2810

0.0000, NaN, NaN

150.0902,
-11.4103, 7.0359

0.0000, NaN, NaN

■ 48.9644, -4.9390,
1.8806

■ 48.9644, -4.9390,
1.8806

■ 47.9490, -8.5631,
0.5955

■ 50.1024, -0.9776,
3.2898

■ 47.0551, -11.8168,
-0.5577

■ 51.3572, 3.2916,
4.8096

■ 46.2844, -14.6756,
-1.5696

■ 52.7260, 7.8337,
6.4293

■ 45.6360, -17.1208,
-2.4340

■ 54.2046, 12.6156,
8.1372

■ 45.1076, -19.1419,
-3.1476

■ 55.7884, 17.6053,
9.9226

■ 44.6950, -20.7388,
-3.7107

■ 57.4725, 22.7732,
11.7750

■ 44.3916, -21.9233,
-4.1276

■ 59.2519, 28.0924,
13.6850

■ 44.1888, -22.7205,
-4.4074

■ 61.1216, 33.5390,
15.6444

■ 44.0705, -23.1875,
-4.5705

■ 63.0766, 39.0918,
17.6456

Harmonies

Analogous

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



48.9654, -5.0325, 3.1061



48.9644, -4.9390, 1.8806



48.9654, -4.2284, 0.8417

Triad

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



48.9654, -4.9400, 1.8814



48.9654, -0.7198, 1.0955



48.9654, -2.1489, 4.9310

Complementary

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



48.9644, -4.9390, 1.8806



47.1505, -0.0989, 3.3708

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.



48.9654, -0.9810, 4.4214



48.9644, -4.9390, 1.8806



48.9654, -0.1503, 2.2204

Square

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



48.9654, -4.9400, 1.8814



48.9654, -1.7952, 0.3799



48.9654, -0.2464, 3.4365



48.9654, -3.4300, 4.8456

Rectangle

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



48.9644, -4.9390, 1.8806



48.9654, -3.4945, 0.4035



48.9654, -0.2464, 3.4365



48.9654, -1.7298, 4.8242

Sweetspot

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



48.9654, -4.9400, 1.8814



65.5615, -4.5886, 3.1971



48.7518, -6.1442, 5.0962



31.5604, -2.1739, 1.5508



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.



48.9654, -4.9400, 1.8814



64.8206, -7.1934, 2.2718



47.8605, -3.1368, 0.5799



23.9451, -2.6914, 0.8278



42.8336, -22.7157, -4.5015



3.4912, -1.8512, -0.3676

Inverse Universe

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



47.1505, -0.0989, 3.3708



61.8962, 0.6085, 4.6722



48.2287, -1.9254, 4.5782



22.8374, 0.2637, 1.7370



22.2579, 38.1176, 14.3798



1.8142, 3.1070, 1.1710

Previews

White Background



This preview shows how the HunterLab color 48.9644, -4.9390, 1.8806 looks on a white background.

Color Contrast Check

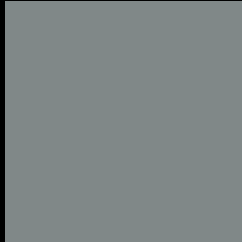
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9644, -4.9390, 1.8806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

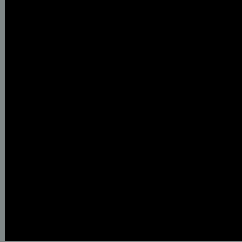
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

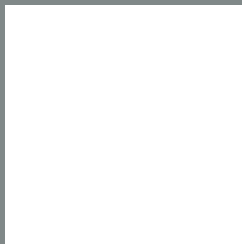
Any Text WCAG AAA × Fail

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

HunterLab 48.9644, -4.9390, 1.8806 Background



This preview shows how black text looks on a background with the HunterLab color 48.9644, -4.9390, 1.8806.

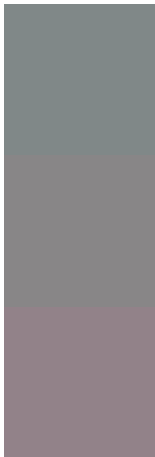


This preview shows how white text looks on a background with the HunterLab color 48.9644, -4.9390,

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

48.9644, -4.9390, 1.8806

Protanopia

49.0242, -1.8600, 2.4544

Deuteranopia

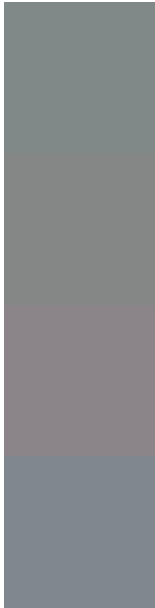
48.8696, 3.4259, 1.4598



Tritanopia

49.1102, -2.4152, -2.1216

Trichromacy



Original Color

48.9644, -4.9390, 1.8806

Protanomaly

49.0548, -3.2091, 2.4670

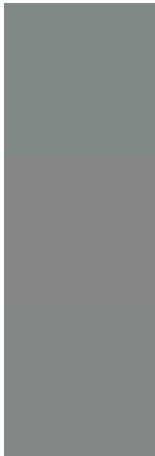
Deuteranomaly

48.7828, 0.3039, 1.3006

Tritanomaly

48.9368, -3.2054, -0.9069

Monochromacy



Original Color

48.9644, -4.9390, 1.8806

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.9722, -3.4978, 2.3642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9644, -4.9390, 1.8806 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(128, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(128, 136, 136)  
}
```

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(128, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 136, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9644, -4.9390, 1.8806 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(128, 136, 136) }
```


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

```
.border{ border-color:rgb(128, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 136, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 136, 136); box-shadow:4px 4px 4px 4px rgb(128, 136, 136) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9644, -4.9390, 1.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 136, 136) }
```

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

```
.background{ background-color: rgb(128,  
136, 136) }
```

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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