

Converting Colors

HunterLab(49.1348, -3.6288,
2.4959)

Have a look what the booklet for
HunterLab(49.1348, -3.6288, 2.4959)
contains.

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Color

HunterLab(48.9722, -3.4978,
2.3642)

Conversions

Conversions Part 1

Format	Color
Hex	848787
RGB	132, 135, 135
RGB Percent	52%, 53%, 53%
CMY	0.4823, 0.4706, 0.4706
CMYK	0.02, 0.00, 0.00, 0.47
HSL	180°, 1%, 52%
HSV	180°, 2%, 53%
XYZ	22.5529, 23.9828, 26.3622
YIQ	134.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

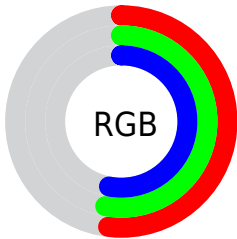
Format	Color
R_{YB}	132, 134, 135
Decimal	8685447
CIE _{Lab}	56.07, -1.10, -0.39
CIE _{LCh}	56, 1.172, 199.575
Yxy	23.9838, 0.3094, 0.3290
Android (android.graphics.Color)	4286875527 (0xFF848787)
YUV	134.1030, 0.4422, -1.8443
Hunter-Lab	48.9722, -3.4978, 2.3642

Details

The HunterLab color $48.9722, -3.4978, 2.3642$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.2908, -1.6784, 2.9238$, and the grayscale version is $48.8665, -2.6074, 2.6550$.

A 20% lighter version of the original color is $70.6481, -4.7121, 3.5226$, and $29.9865, -2.1435, 1.4471$ is the 20% darker color. If you saturate the color by 10%, you get $47.9214, -7.2185, 1.0472$, and if you desaturate by 10%, it is $50.1436, 0.5452, 3.8003$.

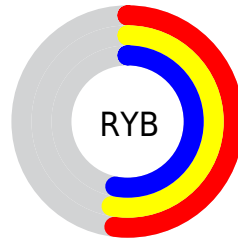
Distribution



Red (52%)

Green (53%)

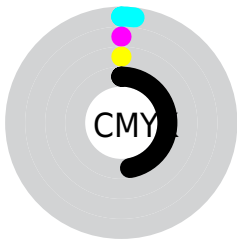
Blue (53%)



Red (52%)

Yellow (53%)

Blue (53%)

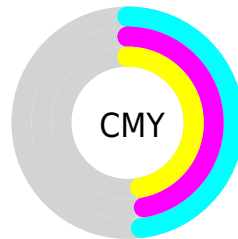


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (48%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9722, -3.4978, 2.3642 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 48.9722, -3.4978, 2.3642 by changing the saturation by 10% instead.

■ 48.9722, -3.4978,
2.3642

■ 48.9722, -3.4978,
2.3642

165.1480,
-10.1478, 8.5392

■ 39.1428, -2.9098,
1.8514

■ 70.7133, -4.7759,
3.5094

■ 30.0756, -2.3561,
1.3811

■ 82.5411, -5.4608,
4.1353

■ 21.8422, -1.8397,
0.9586

■ 94.9634, -6.1748,
4.7945

■ 14.5376, -1.3630,
0.5899

107.9530, -6.9170,
5.4852

■ 8.1985, -1.0250,
0.2477

121.4862, -7.6862,
6.2063

0.0000, NaN, NaN

135.5420, -8.4816,

0.0000, NaN, NaN

6.9563

0.0000, NaN, NaN

150.1015, -9.3024,
7.7343

0.0000, NaN, NaN

■ 48.9722, -3.4978,
2.3642

■ 48.9722, -3.4978,
2.3642

■ 47.9214, -7.2185,
1.0472

■ 50.1436, 0.5452,
3.8003

■ 46.9903, -10.5828,
-0.1425

■ 51.4294, 4.8810,
5.3418

■ 46.1811, -13.5646,
-1.1951

■ 52.8267, 9.4749,
6.9782

■ 45.4936, -16.1427,
-2.1034

■ 54.3311, 14.2945,
8.6982

■ 44.9261, -18.3034,
-2.8631

■ 55.9380, 19.3090,
10.4912

■ 44.4750, -20.0426,
-3.4731

■ 57.6424, 24.4899,
12.3473

■ 44.1348, -21.3675,
-3.9363

■ 59.4394, 29.8118,
14.2575

■ 43.8977, -22.2979,
-4.2597

■ 61.3240, 35.2519,
16.2139

■ 43.7531, -22.8680,
-4.4558

■ 63.2915, 40.7904,
18.2094

Harmonies

Analogous

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



48.9732, -3.5375, 2.8274



48.9722, -3.4978, 2.3642



48.9732, -3.2242, 1.9796

Triad

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



48.9732, -3.4989, 2.3650



48.9732, -1.8975, 2.0819



48.9732, -2.4454, 3.5377

Complementary

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



48.9722, -3.4978, 2.3642



48.2908, -1.6784, 2.9238

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.



48.9732, -2.0042, 3.3421



48.9722, -3.4978, 2.3642



48.9732, -1.6871, 2.5035

Square

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



48.9732, -3.4989, 2.3650



48.9732, -2.3001, 1.8151



48.9732, -1.7262, 2.9646



48.9732, -2.9305, 3.5014

Rectangle

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



48.9722, -3.4978, 2.3642



48.9732, -2.9436, 1.8197



48.9732, -1.7262, 2.9646



48.9732, -2.2870, 3.4970

Sweetspot

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



48.9732, -3.4989, 2.3650



65.7147, -4.0540, 3.3875



48.8922, -3.9529, 3.5853



31.6293, -1.9336, 1.6363



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.



48.9732, -3.4989, 2.3650



65.4099, -5.1192, 3.0098



48.5609, -2.8180, 1.8862



23.2523, -1.9281, 1.0338



41.9392, -22.2545, -4.3792



2.4686, -1.3093, -0.2592

Inverse Universe

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



48.2908, -1.6784, 2.9238



64.1514, -1.7619, 4.0403



48.6994, -2.3625, 3.3894



22.7203, -0.5088, 1.4694



21.7945, 37.3247, 14.0754



1.2829, 2.1974, 0.8265

Previews

White Background



This preview shows how the HunterLab color 48.9722, -3.4978, 2.3642 looks on a white background.

Color Contrast Check

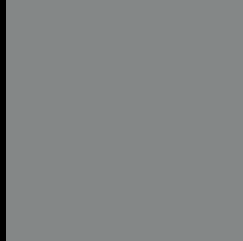
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9722, -3.4978, 2.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

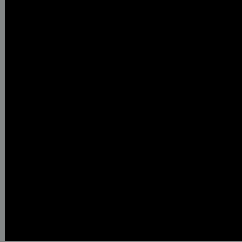
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

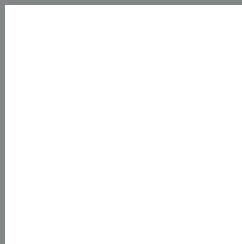
Any Text WCAG AAA × Fail

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

HunterLab 48.9722, -3.4978, 2.3642 Background



This preview shows how black text looks on a background with the HunterLab color 48.9722, -3.4978, 2.3642.



This preview shows how white text looks on a background with the HunterLab color 48.9722, -3.4978,

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

48.9722, -3.4978, 2.3642

Protanopia

49.0814, -1.7193, 2.9682

Deuteranopia

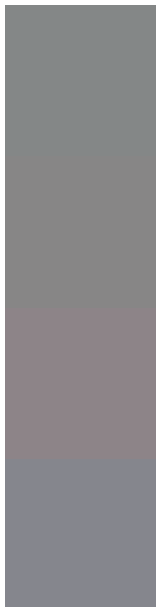
48.8404, 3.2693, 1.8764



Tritanopia

49.0412, -1.2622, -1.7029

Trichromacy



Original Color

48.9722, -3.4978, 2.3642

Protanomaly

48.9105, -2.3116, 2.7573

Deuteranomaly

48.9314, 0.7528, 1.9410

Tritanomaly

48.9488, -1.7662, -0.3920

Monochromacy



Original Color

48.9722, -3.4978, 2.3642

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.7421, -2.8971, 2.5489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9722, -3.4978, 2.3642 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(132, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 135)  
}
```

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(132, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9722, -3.4978, 2.3642 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(132, 135, 135) }
```


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

```
.border{ border-color:rgb(132, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9722, -3.4978, 2.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 135) }
```

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

```
.background{ background-color: rgb(132,  
135, 135) }
```

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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