

Converting Colors

HunterLab(49.0051, -4.1009,
4.3181)

Have a look what the booklet for
HunterLab(49.0051, -4.1009, 4.3181)
contains.

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Color

**HunterLab(48.9420, -3.8293,
4.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	858783
RGB	133, 135, 131
RGB Percent	52%, 53%, 51%
CMY	0.4784, 0.4706, 0.4863
CMYK	0.01, 0.00, 0.03, 0.47
HSL	90°, 2%, 52%
HSV	90°, 3%, 53%
XYZ	22.4336, 23.9532, 24.9138
YIQ	133.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

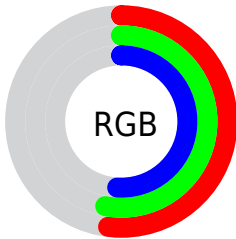
Format	Color
R_{YB}	131, 135, 133
Decimal	8750979
CIE Lab	56.04, -1.52, 1.88
CIE LCh	56, 2.422, 128.992
Yxy	23.9542, 0.3146, 0.3360
Android (android.graphics.Color)	4286941059 (0xFF858783)
YUV	133.9460, -1.4524, -0.8296
Hunter-Lab	48.9420, -3.8293, 4.0780

Details

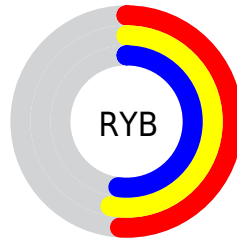
The HunterLab color $48.9420, -3.8293, 4.0780$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.9260, -1.3238, 1.1504$, and the grayscale version is $48.8111, -2.6044, 2.6520$.

A 20% lighter version of the original color is $70.6160, -5.0652, 5.3504$, and $29.9850, -2.3042, 2.6520$ is the 20% darker color. If you saturate the color by 10%, you get $48.0411, -7.7338, 8.5060$, and if you desaturate by 10%, it is $49.9120, 0.3123, -0.8213$.

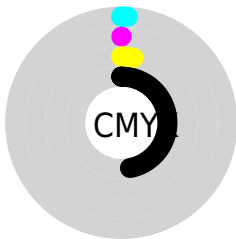
Distribution



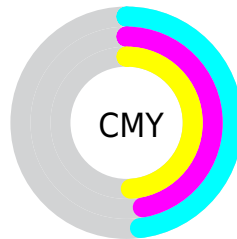
- Red (52%)
- Green (53%)
- Blue (51%)



- Red (51%)
- Yellow (53%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9420, -3.8293, 4.0780 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 48.9420, -3.8293, 4.0780 by changing the saturation by 10% instead.

■ 48.9420, -3.8293,
4.0780

■ 48.9420, -3.8293,
4.0780

165.1027,
-10.6475, 11.1266

■ 39.1148, -3.2171,
3.4387

■ 70.6792, -5.1514,
5.4516

■ 30.0499, -2.6369,
2.8310

■ 82.5051, -5.8564,
6.1822

■ 21.8191, -2.0913,
2.2567

■ 94.9257, -6.5896,
6.9409

■ 14.5175, -1.5816,
1.7158

107.9137, -7.3501,
7.7268

■ 8.1785, -1.2487,
1.3991

121.4453, -8.1369,
8.5391

0.0000, NaN, NaN

135.4996, -8.9493,

0.0000, NaN, NaN

9.3769

0.0000, NaN, NaN

150.0576, -9.7864,
10.2397

0.0000, NaN, NaN

■ 48.9420, -3.8293,
4.0780

■ 48.9420, -3.8293,
4.0780

■ 48.0411, -7.7338,
8.5060

■ 49.9120, 0.3123,
-0.8213

■ 47.2072, -11.3800,
12.4407

■ 50.9464, 4.6759,
-6.1715

■ 46.4424, -14.7528,
15.8677

■ 52.0446, 9.2417,
-11.9468

■ 45.7470, -17.8380,
18.7771

■ 53.2045, 13.9913,
-18.1209

■ 45.1209, -20.6244,
21.1663

■ 54.4243, 18.9067,
-24.6672

■ 44.5635, -23.1048,
23.0406

■ 55.7018, 23.9710,
-31.5590

■ 44.0733, -25.2766,
24.4158

■ 57.0348, 29.1681,
-38.7704

■ 43.6481, -27.1433,
25.3196

■ 58.4212, 34.4833,
-46.2761

■ 43.2846, -28.7162,
25.7955

■ 59.8587, 39.9031,
-54.0525

Harmonies

Analogous

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



48.9431, -2.9174, 4.4544



48.9420, -3.8293, 4.0780



48.9431, -4.4144, 3.3220

Triad

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



48.9431, -3.8305, 4.0788



48.9431, -3.3086, 0.9074



48.9431, -0.6805, 2.9521

Complementary

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



48.9420, -3.8293, 4.0780



47.9260, -1.3238, 1.1504

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.



48.9431, -0.7873, 1.9970



48.9420, -3.8293, 4.0780



48.9431, -2.3101, 0.8035

Square

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



48.9431, -3.8305, 4.0788



48.9431, -4.1148, 1.4870



48.9431, -1.3857, 1.2059



48.9431, -1.0950, 3.8127

Rectangle

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



48.9420, -3.8293, 4.0780



48.9431, -4.5413, 2.6966



48.9431, -1.3857, 1.2059



48.9431, -0.6566, 2.6316

Sweetspot

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



48.9431, -3.8305, 4.0788



65.7393, -4.0734, 4.2331



48.5444, -2.3042, 3.6462



31.6403, -1.9423, 2.0162



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.



48.9431, -3.8305, 4.0788



65.3541, -5.7299, 6.1567



48.7780, -4.4095, 3.8789



23.2420, -2.1282, 2.2936



41.3544, -28.4805, 24.9838



2.5215, -1.3241, 1.5305

Inverse Universe

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



47.9260, -1.3238, 1.1504



63.4788, -1.1075, 0.7562



48.0972, -0.7339, 1.3671



22.4987, -0.2961, 0.1531



16.5502, 38.0888, -64.8559



1.1756, 2.4886, -2.9250

Previews

White Background



This preview shows how the HunterLab color 48.9420, -3.8293, 4.0780 looks on a white background.

Color Contrast Check

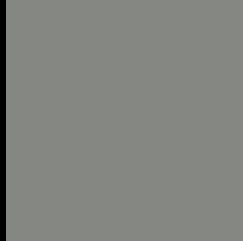
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9420, -3.8293, 4.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

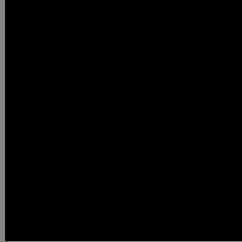
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

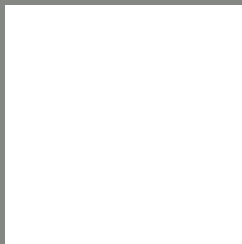
Any Text WCAG AAA × Fail

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

HunterLab 48.9420, -3.8293, 4.0780 Background



This preview shows how black text looks on a background with the HunterLab color 48.9420, -3.8293, 4.0780.



This preview shows how white text looks on a background with the HunterLab color 48.9420, -3.8293,

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

48.9420, -3.8293, 4.0780

Protanopia

49.0563, -2.0293, 4.6679

Deuteranopia

48.9153, 3.2926, 3.7393



Tritanopia

48.9281, -0.2077, -1.8278

Trichromacy



Original Color

48.9420, -3.8293, 4.0780

Protanomaly

48.8837, -2.6287, 4.4610

Deuteranomaly

48.9981, 0.7521, 3.7905

Tritanomaly

48.9720, -1.8062, 0.5723

Monochromacy



Original Color

48.9420, -3.8293, 4.0780

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.7975, -2.7611, 3.0588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9420, -3.8293, 4.0780 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, 135, 131)` looks like.

```
.text, #text, p{  
    color:rgb(133, 135, 131)  
}
```

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, 135, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 135, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9420, -3.8293, 4.0780 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, 135, 131) }
```


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

```
.border{ border-color:rgb(133, 135, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 135, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 135, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 135, 131);  
box-shadow:4px 4px 4px 4px rgb(133, 135,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9420, -3.8293, 4.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 135, 131) }
```

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

```
.background{ background-color: rgb(133,  
135, 131) }
```

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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