

Converting Colors

HunterLab(48.6705, -9.2633,
7.1749)

Have a look what the booklet for
HunterLab(48.6705, -9.2633, 7.1749)
contains.

HunterLab(48.8037, -9.2131, 7.1460)	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(48.8037, -9.2131,
7.1460)

Conversions

Conversions Part 1

Format	Color
Hex	7B8A7B
RGB	123, 138, 123
RGB Percent	48%, 54%, 48%
CMY	0.5176, 0.4588, 0.5176
CMYK	0.11, 0.00, 0.11, 0.46
HSL	120°, 6%, 51%
HSV	120°, 11%, 54%
XYZ	20.8320, 23.8180, 22.2383
YIQ	131.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

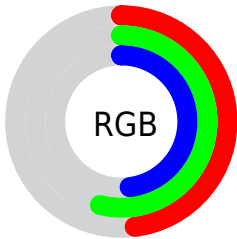
Format	Color
R_{YB}	123, 138, 138
Decimal	8096379
CIE _{Lab}	55.91, -8.47, 6.19
CIE _{LCh}	56, 10.496, 143.836
Yxy	23.8190, 0.3114, 0.3561
Android (android.graphics.Color)	4286286459 (0xFF7B8A7B)
YUV	131.8050, -4.3409, -7.7220
Hunter-Lab	48.8037, -9.2131, 7.1460

Details

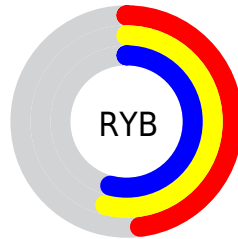
The HunterLab color $48.8037, -9.2131, 7.1460$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $46.2653, 4.5043, -2.2280$, and the grayscale version is $47.9771, -2.5599, 2.6067$.

A 20% lighter version of the original color is $70.4179, -11.0049, 9.0503$, and $29.8826, -7.1968, 5.4334$ is the 20% darker color. If you saturate the color by 10%, you get $47.4872, -14.7224, 10.8687$, and if you desaturate by 10%, it is $50.2792, -3.2315, 3.1049$.

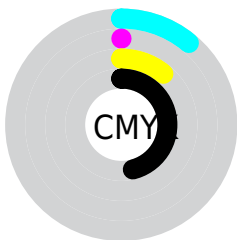
Distribution



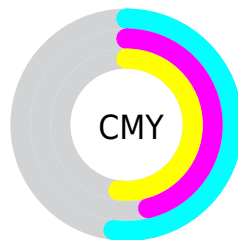
- Red (48%)
- Green (54%)
- Blue (48%)



- Red (48%)
- Yellow (54%)
- Blue (54%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8037, -9.2131, 7.1460 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 48.8037, -9.2131, 7.1460 by changing the saturation by 10% instead.

■ 48.8037, -9.2131,
7.1460

■ 48.8037, -9.2131,
7.1460

164.8952,
-18.8748, 15.9053

■ 38.9864, -8.1858,
6.2542

■ 70.5228, -11.2817,
8.9713

■ 29.9324, -7.1531,
5.3700

■ 82.3405, -12.3279,
9.9077

■ 21.7135, -6.1049,
4.4866

■ 94.7532, -13.3853,
10.8614

■ 14.4253, -5.0214,
3.5898

107.7337,
-14.4552, 11.8332

■ 8.0861, -4.9983,
3.6152

121.2580,
-15.5385, 12.8234

0.0000, NaN, NaN

135.3053,

0.0000, NaN, NaN

-16.6359, 13.8321

0.0000, NaN, NaN

149.8567,
-17.7479, 14.8595

0.0000, NaN, NaN

■ 48.8037, -9.2131,
7.1460

■ 48.8037, -9.2131,
7.1460

■ 47.4872, -14.7224,
10.8687

■ 50.2792, -3.2315,
3.1049

■ 46.3312, -19.6916,
14.2270

■ 51.9043, 3.1599,
-1.2121

■ 45.3398, -24.0631,
17.1819

■ 53.6732, 9.8964,
-5.7611

■ 44.5136, -27.7888,
19.7006

■ 55.5781, 16.9192,
-10.5024

■ 43.8503, -30.8368,
21.7614

■ 57.6112, 24.1753,
-15.4000

■ 43.3447, -33.1964,
23.3570

■ 59.7646, 31.6190,
-20.4230

■ 42.9874, -34.8828,
24.4974

■ 62.0306, 39.2110,
-25.5448

■ 42.7651, -35.9409,
25.2130

■ 64.4016, 46.9189,
-30.7435

■ 42.6356, -36.5599,
25.6317

■ 66.8708, 54.7160,
-36.0010

Harmonies

Analogous

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



48.8047, -5.9600, 9.4241



48.8037, -9.2131, 7.1460



48.8047, -10.6918, 3.5080

Triad

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



48.8047, -9.2142, 7.1467



48.8047, -3.5066, -5.9879



48.8047, 5.3287, 5.7811

Complementary

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



48.8037, -9.2131, 7.1460



46.2653, 4.5043, -2.2280

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.



48.8047, 6.0416, 1.7896



48.8037, -9.2131, 7.1460



48.8047, 0.8396, -5.2446

Square

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



48.8047, -9.2142, 7.1467



48.8047, -7.4721, -4.2556



48.8047, 4.3721, -2.3053



48.8047, 2.4571, 8.6856

Rectangle

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



48.8037, -9.2131, 7.1460



48.8047, -10.5091, 0.7038



48.8047, 4.3721, -2.3053



48.8047, 5.8329, 4.5318

Sweetspot

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



48.8047, -9.2142, 7.1467



66.3051, -6.0815, 5.3322



50.0116, -4.9083, 8.5152



31.3312, -3.1651, 2.7178



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.



48.8047, -9.2142, 7.1467



64.3540, -14.0539, 10.7184



49.0042, -8.0965, 4.2882



23.6817, -3.9677, 3.1256



40.8237, -35.0063, 24.5424



3.3273, -2.8532, 2.0003

Inverse Universe

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



46.2653, 4.5043, -2.2280



60.2492, 8.1289, -4.4405



46.0379, 3.2902, 0.9996



22.6473, 1.6193, -0.6924



25.7612, 50.6470, -33.9753



2.0997, 4.1280, -2.7693

Previews

White Background



This preview shows how the HunterLab color 48.8037, -9.2131, 7.1460 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 48.8037, -9.2131, 7.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

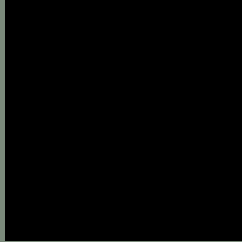
Any Text WCAG AA ✓ Pass

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 48.8037, -9.2131, 7.1460 Background



This preview shows how black text looks on a background with the HunterLab color 48.8037, -9.2131, 7.1460.



This preview shows how white text looks on a background with the HunterLab color 48.8037, -9.2131, 7.1460.

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

48.8037, -9.2131, 7.1460

Protanopia

48.6256, -2.5502, 7.8618

Deuteranopia

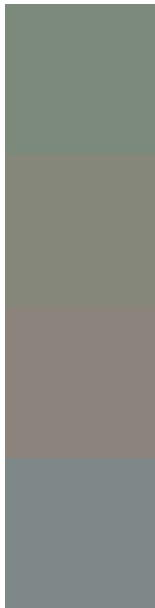
48.6469, 3.4066, 6.3888



Tritanopia

48.8716, -3.2462, -2.4411

Trichromacy



Original Color

48.8037, -9.2131, 7.1460

Protanomaly

48.7028, -5.1489, 7.5054

Deuteranomaly

48.5110, -1.3512, 6.5628

Tritanomaly

48.8365, -5.3317, 1.2667

Monochromacy



Original Color

48.8037, -9.2131, 7.1460

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.2725, -4.8241, 4.1517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8037, -9.2131, 7.1460 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(123, 138, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 138, 123)  
}
```

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(123, 138, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 138, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8037, -9.2131, 7.1460 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(123, 138, 123) }
```


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

```
.border{ border-color:rgb(123, 138, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 138, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 138, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 138, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 138,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8037, -9.2131, 7.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 138, 123) }
```

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

```
.background{ background-color: rgb(123,  
138, 123) }
```

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