

Converting Colors

HunterLab(48.1263, -4.2200,
6.8915)

Have a look what the booklet for
HunterLab(48.1263, -4.2200, 6.8915)
contains.

HunterLab(48.1318, -4.2250, 6.9039)	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(48.1318, -4.2250,
6.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	85857A
RGB	133, 133, 122
RGB Percent	52%, 52%, 48%
CMY	0.4784, 0.4784, 0.5216
CMYK	0.00, 0.00, 0.08, 0.48
HSL	60°, 4%, 50%
HSV	60°, 8%, 52%
XYZ	21.5732, 23.1667, 21.7469
YIQ	131.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

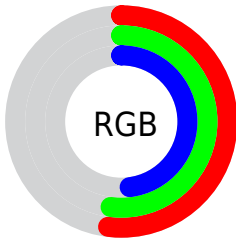
Format	Color
R_{YB}	122, 133, 122
Decimal	8750458
CIE Lab	55.24, -2.09, 5.93
CIE LCh	55, 6.285, 109.416
Yxy	23.1677, 0.3245, 0.3484
Android (android.graphics.Color)	4286940538 (0xFF85857A)
YUV	131.7460, -4.8048, 1.0998
Hunter-Lab	48.1318, -4.2250, 6.9039

Details

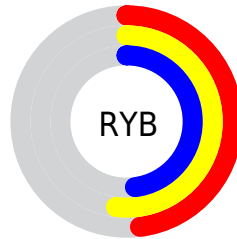
The HunterLab color $48.1318, -4.2250, 6.9039$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.4417, -0.5757, -2.2311$, and the grayscale version is $47.9534, -2.5587, 2.6054$.

A 20% lighter version of the original color is $69.7230, -5.6608, 8.8115$, and $29.4290, -3.3400, 5.3764$ is the 20% darker color. If you saturate the color by 10%, you get $47.8121, -5.9999, 11.5200$, and if you desaturate by 10%, it is $48.4980, -2.2213, 1.6870$.

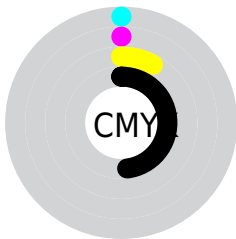
Distribution



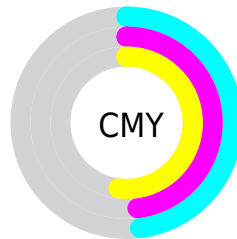
- Red (52%)
- Green (52%)
- Blue (48%)



- Red (48%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1318, -4.2250, 6.9039 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 48.1318, -4.2250, 6.9039 by changing the saturation by 10% instead.

■ 48.1318, -4.2250,
6.9039

■ 48.1318, -4.2250,
6.9039

163.8857,
-11.2532, 15.5446

■ 38.3633, -3.5821,
6.0290

■ 69.7629, -5.6023,
8.6985

■ 29.3620, -2.9685,
5.1630

■ 81.5401, -6.3325,
9.6207

■ 21.2014, -2.3857,
4.2992

■ 93.9143, -7.0897,
10.5609

■ 13.9790, -1.8334,
3.4240

106.8580, -7.8730,
11.5198

■ 7.6198, -1.6017,
3.6392

120.3471, -8.6817,
12.4975

0.0000, NaN, NaN

134.3603, -9.5151,

0.0000, NaN, NaN

13.4942

0.0000, NaN, NaN

148.8789,
-10.3724, 14.5099

0.0000, NaN, NaN

■ 48.1318, -4.2250,
6.9039

■ 48.1318, -4.2250,
6.9039

■ 47.8121, -5.9999,
11.5200

■ 48.4980, -2.2213,
1.6870

■ 47.5348, -7.5433,
15.5355

■ 48.9084, 0.0137,
-4.1301

■ 47.2995, -8.8596,
18.9594

■ 49.3645, 2.4758,
-10.5389

■ 47.1048, -9.9540,
21.8059

■ 49.8666, 5.1604,
-17.5277

■ 46.9487, -10.8347,
24.0957

■ 50.4147, 8.0615,
-25.0807

■ 46.8290, -11.5125,
25.8572

■ 51.0089, 11.1718,
-33.1793

■ 46.7428, -12.0012,
27.1265

■ 51.6489, 14.4829,
-41.8017

■ 46.6868, -12.3186,
27.9498

■ 52.3341, 17.9859,
-50.9246

■ 46.6531, -12.5098,
28.4446

■ 53.0641, 21.6711,
-60.5227

Harmonies

Analogous

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



48.1328, -1.6465, 7.0764



48.1318, -4.2250, 6.9039



48.1328, -6.3197, 5.6206

Triad

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



48.1328, -4.2262, 6.9046



48.1328, -5.7893, -1.1447



48.1328, 2.4574, 1.7357

Complementary

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



48.1318, -4.2250, 6.9039



44.4417, -0.5757, -2.2311

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.



48.1328, 1.2964, -0.5872



48.1318, -4.2250, 6.9039



48.1328, -3.4882, -2.3080

Square

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



48.1328, -4.2262, 6.9046



48.1328, -7.2087, 1.0074



48.1328, -0.8927, -2.0987



48.1328, 2.2496, 4.1787

Rectangle

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



48.1318, -4.2250, 6.9039



48.1328, -7.1751, 4.2668



48.1328, -0.8927, -2.0987



48.1328, 2.2133, 0.9129

Sweetspot

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



48.1328, -4.2262, 6.9046



64.7073, -4.0211, 4.9865



45.0680, 0.9226, 3.5638



30.7165, -1.8902, 2.3189



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.



48.1328, -4.2262, 6.9046



64.3215, -6.1438, 10.5103



47.6779, -5.8323, 6.3797



23.2873, -2.1235, 3.5443



45.5256, -12.2391, 27.8384



2.6797, -0.7200, 1.6386

Inverse Universe

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



44.4417, -0.5757, -2.2311



58.2272, -0.1115, -4.5864



44.9038, 1.0047, -1.6141



21.3181, -0.1753, -1.3313



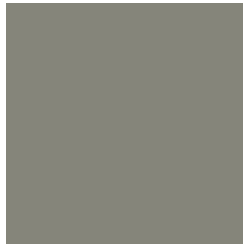
12.7014, 34.4509, -90.2361



0.7478, 2.0279, -5.3093

Previews

White Background



This preview shows how the HunterLab color 48.1318, -4.2250, 6.9039 looks on a white background.

Color Contrast Check

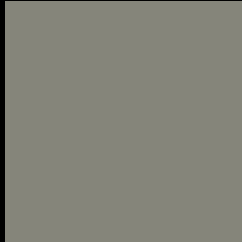
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1318, -4.2250, 6.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

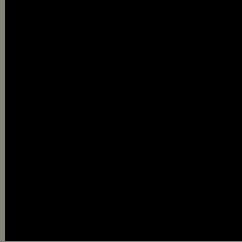
Any Text WCAG AA ✓ Pass

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 48.1318, -4.2250, 6.9039 Background



This preview shows how black text looks on a background with the HunterLab color 48.1318, -4.2250, 6.9039.



This preview shows how white text looks on a background with the HunterLab color 48.1318, -4.2250, 6.9039.

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

48.1318, -4.2250, 6.9039

Protanopia

48.1678, -2.6958, 7.3675

Deuteranopia

48.1293, 2.9557, 6.6246



Tritanopia

48.0860, 1.0189, -1.4226

Trichromacy



Original Color

48.1318, -4.2250, 6.9039

Protanomaly

48.0804, -3.0003, 7.2679

Deuteranomaly

48.2027, 0.3929, 6.6600

Tritanomaly

48.0674, -0.8936, 1.7831

Monochromacy



Original Color

48.1318, -4.2250, 6.9039

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.9235, -3.1771, 4.2088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1318, -4.2250, 6.9039 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, 133, 122)` looks like.

```
.text, #text, p{  
    color:rgb(133, 133, 122)  
}
```

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, 133, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 133, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1318, -4.2250, 6.9039 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, 133, 122) }
```


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

```
.border{ border-color:rgb(133, 133, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 133, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 133, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 133, 122);  
box-shadow:4px 4px 4px 4px rgb(133, 133,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1318, -4.2250, 6.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 133, 122) }
```

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

```
.background{ background-color: rgb(133,  
133, 122) }
```

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