

Converting Colors

HunterLab(48.4656, -12.3950,
8.9559)

Have a look what the booklet for
HunterLab(48.4656, -12.3950,
8.9559) contains.

HunterLab(48.4382, -12.3694, 9.0308)	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(48.4382,
-12.3694, 9.0308)**

Conversions

Conversions Part 1

Format	Color
Hex	748B75
RGB	116, 139, 117
RGB Percent	45%, 55%, 46%
CMY	0.5451, 0.4549, 0.5412
CMYK	0.17, 0.00, 0.16, 0.45
HSL	123°, 9%, 50%
HSV	123°, 17%, 55%
XYZ	19.6460, 23.4626, 20.3229
YIQ	129.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

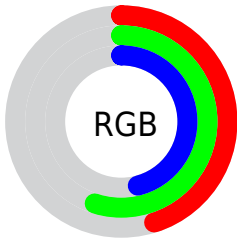
Format	Color
R_{YB}	116, 138, 139
Decimal	7637877
CIE Lab	55.55, -12.76, 9.06
CIE LCh	56, 15.646, 144.627
Yxy	23.4636, 0.3097, 0.3699
Android (android.graphics.Color)	4285827957 (0xFF748B75)
YUV	129.6150, -6.2192, -11.9404
Hunter-Lab	48.4382, -12.3694, 9.0308

Details

The HunterLab color $48.4382, -12.3694, 9.0308$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.5143, 8.2380, -4.4536$, and the grayscale version is $47.1219, -2.5143, 2.5602$.

A 20% lighter version of the original color is $70.2348, -15.2037, 11.3254$, and $29.6103, -9.8533, 6.7996$ is the 20% darker color. If you saturate the color by 10%, you get $47.2126, -17.5637, 12.4361$, and if you desaturate by 10%, it is $49.8235, -6.6783, 5.3279$.

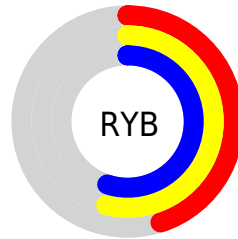
Distribution



Red (45%)

Green (55%)

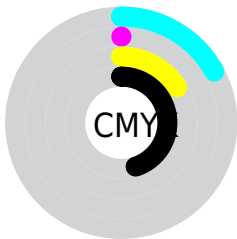
Blue (46%)



Red (45%)

Yellow (54%)

Blue (55%)

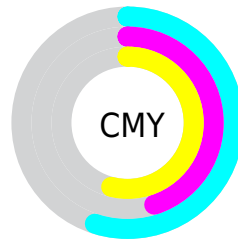


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4382, -12.3694, 9.0308 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 48.4382, -12.3694, 9.0308 by changing the saturation by 10% instead.

■ 48.4382, -12.3694,
9.0308

■ 48.4382, -12.3694,
9.0308

164.3464,
-23.8247, 18.9632

■ 38.6474, -11.0763,
7.9625

■ 70.1095, -14.9128,
11.1693

■ 29.6220, -9.7518,
6.8834

■ 81.9052, -16.1749,
12.2473

■ 21.4347, -8.3765,
5.7800

■ 94.2970, -17.4368,
13.3349

■ 14.1822, -6.9145,
4.6265

107.2575,
-18.7014, 14.4338

■ 7.8361, -7.5129,
5.2177

120.7627,
-19.9711, 15.5454

0.0000, NaN, NaN

134.7915,

0.0000, NaN, NaN

-21.2473, 16.6704

0.0000, NaN, NaN

149.3250,
-22.5316, 17.8096

0.0000, NaN, NaN

■ 48.4382, -12.3694,
9.0308

■ 48.4382, -12.3694,
9.0308

■ 47.2126, -17.5637,
12.4361

■ 49.8235, -6.6783,
5.3279

■ 46.1474, -22.1977,
15.5017

■ 51.3603, -0.5511,
1.3671

■ 45.2453, -26.2200,
18.1926

■ 53.0429, 5.9477,
-2.8103

■ 44.5055, -29.5912,
20.4803

■ 54.8645, 12.7580,
-7.1660

■ 43.9243, -32.2898,
22.3472

■ 56.8172, 19.8250,
-11.6656

■ 43.4947, -34.3170,
23.7890

■ 58.8934, 27.1002,
-16.2791

■ 43.2056, -35.7007,
24.8174

■ 61.0855, 34.5416,
-20.9805

■ 43.0354, -36.5244,
25.4577

■ 63.3858, 42.1139,
-25.7485

■ 42.9877, -36.7519,
25.6059

■ 65.7874, 49.7877,
-30.5655

Harmonies

Analogous

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



48.4392, -7.6902, 12.2539



48.4382, -12.3694, 9.0308



48.4392, -14.4221, 3.7376

Triad

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



48.4392, -12.3704, 9.0314



48.4392, -3.7528, -10.7688



48.4392, 9.3158, 7.3376

Complementary

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



48.4382, -12.3694, 9.0308



44.5143, 8.2380, -4.4536

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.



48.4392, 10.5058, 1.5093



48.4382, -12.3694, 9.0308



48.4392, 2.7362, -9.4748

Square

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



48.4392, -12.3704, 9.0314



48.4392, -9.6176, -8.1037



48.4392, 8.0399, -4.7696



48.4392, 4.8685, 11.3702

Rectangle

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



48.4382, -12.3694, 9.0308



48.4392, -14.1057, -0.4654



48.4392, 8.0399, -4.7696



48.4392, 10.1196, 5.5463

Sweetspot

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



48.4392, -12.3704, 9.0314



66.9568, -7.7904, 6.3866



50.1504, -6.2343, 11.2588



32.0819, -3.9778, 3.2201



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4392, -12.3704, 9.0314



64.1573, -19.3390, 13.9071



48.7286, -10.7315, 4.8772



23.6887, -3.9289, 3.0259



40.8392, -34.9091, 24.3133



3.3346, -2.8074, 1.8924

Inverse Universe

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



44.5143, 8.2380, -4.4536



57.7111, 14.5400, -8.2580



44.1651, 6.4014, 0.4929



22.6391, 1.5755, -0.5766



25.4597, 49.6018, -30.0689



2.0881, 4.0878, -2.6193

Previews

White Background



This preview shows how the HunterLab color 48.4382, -12.3694, 9.0308 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 48.4382, -12.3694, 9.0308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

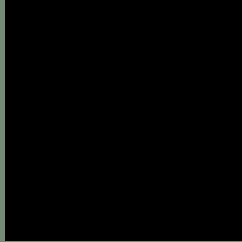
Any Text WCAG AA ✓ Pass

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 48.4382, -12.3694, 9.0308 Background



This preview shows how black text looks on a background with the HunterLab color 48.4382, -12.3694, 9.0308.



This preview shows how white text looks on a background with the HunterLab color 48.4382,

-12.3694, 9.0308.

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

48.4382, -12.3694, 9.0308

Protanopia

48.1730, -3.0213, 10.0377

Deuteranopia

48.3214, 3.3974, 8.4205



Tritanopia

48.4440, -4.6818, -3.5135

Trichromacy



Original Color

48.4382, -12.3694, 9.0308

Protanomaly

48.3643, -6.6944, 9.8009

Deuteranomaly

48.1807, -2.8013, 8.5482

Tritanomaly

48.2489, -7.5397, 1.4317

Monochromacy



Original Color

48.4382, -12.3694, 9.0308

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.5560, -6.1017, 5.0076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4382, -12.3694, 9.0308 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(116, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 139, 117)  
}
```

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(116, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 139, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4382, -12.3694, 9.0308 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(116, 139, 117) }
```


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

```
.border{ border-color:rgb(116, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 139,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4382, -12.3694, 9.0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 139, 117) }
```

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

```
.background{ background-color: rgb(116,  
139, 117) }
```

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