

Converting Colors

HunterLab(42.0524, 9.6716,
10.1712)

Have a look what the booklet for
HunterLab(42.0524, 9.6716,
10.1712) contains.

HunterLab(42.0409, 9.7668, 10.1270)	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(42.0409, 9.7668,
10.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	946B61
RGB	148, 107, 97
RGB Percent	58%, 42%, 38%
CMY	0.4196, 0.5804, 0.6196
CMYK	0.00, 0.28, 0.34, 0.42
HSL	12°, 21%, 48%
HSV	12°, 34%, 58%
XYZ	19.6281, 17.6744, 13.6863
YIQ	118.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

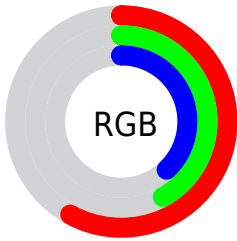
Format	Color
R_{YB}	148, 109, 97
Decimal	9726817
CIE Lab	49.10, 14.94, 12.05
CIE LCh	49, 19.197, 38.899
Yxy	17.6752, 0.3849, 0.3466
Android (android.graphics.Color)	4287916897 (0xFF946B61)
YUV	118.1190, -10.4117, 26.2056
Hunter-Lab	42.0409, 9.7668, 10.1270

Details

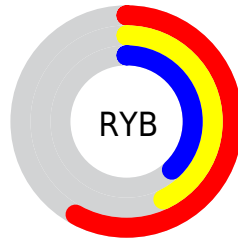
The HunterLab color $42.0409, 9.7668, 10.1270$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $47.8076, -11.3666, -5.4863$, and the grayscale version is $42.6417, -2.2753, 2.3168$.

A 20% lighter version of the original color is $62.9531, 9.9757, 12.5793$, and $24.1945, 9.1957, 7.3945$ is the 20% darker color. If you saturate the color by 10%, you get $38.8740, 13.9117, 11.9613$, and if you desaturate by 10%, it is $45.4219, 5.8337, 8.1571$.

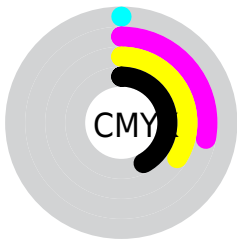
Distribution



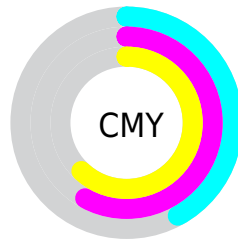
- Red (58%)
- Green (42%)
- Blue (38%)



- Red (58%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0409, 9.7668, 10.1270 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 42.0409, 9.7668, 10.1270 by changing the saturation by 10% instead.

■ 42.0409, 9.7668,
10.1270

■ 42.0409, 9.7668,
10.1270

154.6072, 9.7239,
21.3142

■ 32.7369, 9.4063,
8.8494

■ 62.8356, 10.2079,
12.6196

■ 24.2423, 8.9356,
7.5281

■ 74.2305, 10.3136,
13.8519

■ 16.6445, 8.3301,
6.1330

■ 86.2414, 10.3527,
15.0827

■ 10.0651, 7.5587,
5.5487

■ 98.8382, 10.3310,
16.3158

0.0000, INF, NaN

0.0000, NaN, NaN

111.9948, 10.2535,
17.5536

0.0000, NaN, NaN

125.6883, 10.1243,

0.0000, NaN, NaN

18.7984

0.0000, NaN, NaN

139.8985, 9.9468,
20.0515

■ 42.0409, 9.7668,
10.1270

■ 42.0409, 9.7668,
10.1270

■ 38.8740, 13.9117,
11.9613

■ 45.4219, 5.8337,
8.1571

■ 35.9509, 18.2521,
13.6104

■ 48.9860, 2.1172,
6.0846

■ 33.3101, 22.7281,
15.0136

■ 52.7110, -1.3971,
3.9351

■ 30.9925, 27.2294,
16.0983

■ 56.5776, -4.7275,
1.7262

■ 29.0388, 31.5808,
16.7913

■ 60.5698, -7.8942,
-0.5299

■ 27.4824, 35.5438,
17.0487

■ 64.6742, -10.9168,
-2.8246

■ 26.7882, 37.4315,
17.1620

■ 68.8798, -13.8137,
-5.1519

■ 73.1771, -16.6012,
-7.5078

■ 77.5584, -19.2941,
-9.8893

Harmonies

Analogous

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



42.0419, 13.2172, 4.3861



42.0409, 9.7668, 10.1270



42.0419, 3.1558, 13.3178

Triad

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



42.0419, 9.7650, 10.1277



42.0419, -15.0500, 6.9997



42.0419, 0.0431, -13.9257

Complementary

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



42.0409, 9.7668, 10.1270



47.8076, -11.3666, -5.4863

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.



42.0419, -7.3872, -12.8871



42.0409, 9.7668, 10.1270



42.0419, -15.7531, 0.0768

Square

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



42.0419, 9.7650, 10.1277



42.0419, -11.0489, 11.7478



42.0419, -13.0428, -7.4291



42.0419, 7.3478, -10.0562

Rectangle

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



42.0409, 9.7668, 10.1270



42.0419, -1.9638, 13.9667



42.0419, -13.0428, -7.4291



42.0419, -2.5265, -14.1516

Sweetspot

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



42.0419, 9.7650, 10.1277



67.1523, 0.7926, 6.8771



40.8648, 20.7497, -9.7013



31.7842, 0.6655, 3.4592



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



42.0419, 9.7650, 10.1277



52.7186, 16.9981, 15.2663



48.6014, -2.0433, 16.1155



24.4718, 0.1181, 2.3849



24.8233, 34.3911, 15.8981



3.3053, 2.2835, 2.0767

Inverse Universe

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



47.8076, -11.3666, -5.4863



61.8646, -16.7387, -9.5496



40.6491, -0.0103, -15.8176



25.2407, -2.6699, 0.3092



36.2325, -13.0748, -17.0627



4.4760, -2.0553, -1.1577

Previews

White Background



This preview shows how the HunterLab color 42.0409, 9.7668, 10.1270 looks on a white background.

Color Contrast Check

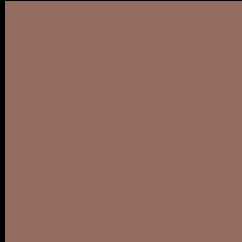
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.0409, 9.7668, 10.1270 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 42.0409, 9.7668, 10.1270 Background



This preview shows how black text looks on a background with the HunterLab color 42.0409, 9.7668, 10.1270.

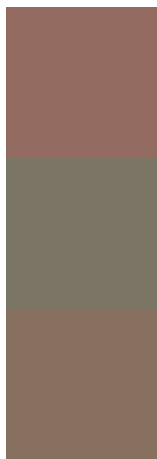


This preview shows how white text looks on a background with the HunterLab color 42.0409, 9.7668,

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

42.0409, 9.7668, 10.1270

Protanopia

42.2999, -2.5913, 8.4003

Deuteranopia

42.0323, 3.1347, 10.3450



Tritanopia

42.1657, 13.4580, 4.2504

Trichromacy



Original Color

42.0409, 9.7668, 10.1270

Protanomaly

41.9951, 1.8320, 8.8874

Deuteranomaly

41.9188, 5.4300, 10.2730

Tritanomaly

42.1416, 11.8234, 6.6043

Monochromacy



Original Color

42.0409, 9.7668, 10.1270

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.2227, 1.7209, 5.3327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0409, 9.7668, 10.1270 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(148, 107, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 97)  
}
```

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(148, 107, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0409, 9.7668, 10.1270 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(148, 107, 97) }
```


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

```
.border{ border-color:rgb(148, 107, 97) }
```

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

Here you see how a box with a 4 pixel rgb(148, 107, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0409, 9.7668, 10.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 97) }
```

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

```
.background{ background-color: rgb(148,  
107, 97) }
```

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