

Converting Colors

HunterLab(42.0184, 9.7146,
8.6031)

Have a look what the booklet for
HunterLab(42.0184, 9.7146, 8.6031)
contains.

| | |
|---|----|
| HunterLab(42.0214, 9.8868, 8.6950) | 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(42.0214, 9.8868,
8.6950)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 936B65 |
| RGB | 147, 107, 101 |
| RGB Percent | 58%, 42%, 40% |
| CMY | 0.4235, 0.5804, 0.6039 |
| CMYK | 0.00, 0.27, 0.31, 0.42 |
| HSL | 8°, 19%, 49% |
| HSV | 8°, 31%, 58% |
| XYZ | 19.6392, 17.6580, 14.6852 |
| YIQ | 118.2760, 25.7660, 6.6140 |

Conversions

Conversions Part 2

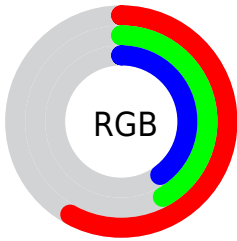
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 108, 101 |
| Decimal | 9661285 |
| CIE _{Lab} | 49.08, 15.08, 9.64 |
| CIE _{LCh} | 49, 17.900, 32.583 |
| Yxy | 17.6588, 0.3778, 0.3397 |
| Android (android.graphics.Color) | 4287851365 (0xFF936B65) |
| YUV | 118.2760, -8.5171, 25.1909 |
| Hunter-Lab | 42.0214, 9.8868, 8.6950 |

Details

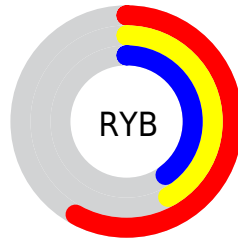
The HunterLab color **42.0214, 9.8868, 8.6950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **48.9104, -12.0264, -3.5340**, and the grayscale version is **42.6958, -2.2781, 2.3197**.

A 20% lighter version of the original color is **62.9443, 10.1517, 10.9825**, and **24.1395, 9.1413, 6.4627** is the 20% darker color. If you saturate the color by 10%, you get **38.6326, 14.3920, 10.4476**, and if you desaturate by 10%, it is **45.6491, 5.5858, 6.8845**.

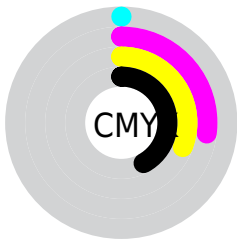
Distribution



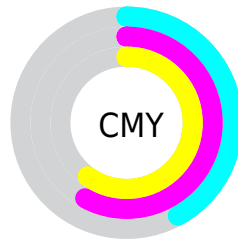
- Red (58%)
- Green (42%)
- Blue (40%)



- Red (58%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0214, 9.8868, 8.6950 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 42.0214, 9.8868, 8.6950 by changing the saturation by 10% instead.

■ 42.0214, 9.8868,
8.6950

■ 42.0214, 9.8868,
8.6950

■ 154.5771, 9.8999,
18.8226

■ 32.7190, 9.5186,
7.5823

■ 62.8133, 10.3423,
10.8995

■ 24.2261, 9.0395,
6.4459

■ 74.2069, 10.4547,
12.0031

■ 16.6301, 8.4252,
5.2638

■ 86.2166, 10.5001,
13.1130

■ 10.0530, 7.6445,
4.5569

■ 98.8122, 10.4846,
14.2316

0.0000, INF, NaN

0.0000, NaN, NaN

■ 111.9678, 10.4130,
15.3609

0.0000, NaN, NaN

■ 125.6602, 10.2894,

0.0000, NaN, NaN

139.8694, 10.1174,
17.6555

■ 42.0214, 9.8868,
8.6950

■ 42.0214, 9.8868,
8.6950

■ 38.6326, 14.3920,
10.4476

■ 45.6491, 5.5858,
6.8845

■ 35.5194, 19.0751,
12.1005

■ 49.4796, 1.4971,
5.0395

■ 32.7290, 23.8556,
13.5962

■ 53.4865, -2.3931,
3.1763

■ 30.3119, 28.5866,
14.8569

■ 57.6475, -6.1038,
1.3039

■ 28.3182, 33.0401,
15.7928

■ 61.9445, -9.6563,
-0.5730

■ 26.7882, 36.9207,
16.3252

■ 66.3624, -13.0711,
-2.4521

■ 25.8361, 39.5500,
16.6124

■ 70.8890, -16.3673,
-4.3325

■ 75.5140, -19.5620,
-6.2143

■ 80.2287, -22.6700,
-8.0980

Harmonies

Analogous

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



42.0224, 12.2775, 2.8683



42.0214, 9.8868, 8.6950



42.0224, 4.2265, 12.2573

Triad

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



42.0224, 9.8851, 8.6957



42.0224, -13.6864, 7.8372



42.0224, -1.6276, -12.8594

Complementary

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



42.0214, 9.8868, 8.6950



48.9104, -12.0264, -3.5340

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.



42.0224, -8.3461, -10.9466



42.0214, 9.8868, 8.6950



42.0224, -15.0281, 1.6980

Square

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



42.0224, 9.8851, 8.6957



42.0224, -9.3447, 11.8225



42.0224, -13.1373, -5.3222



42.0224, 5.3609, -10.1888

Rectangle

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



42.0214, 9.8868, 8.6950



42.0224, -0.4681, 13.2327



42.0224, -13.1373, -5.3222



42.0224, -3.9918, -12.7312

Sweetspot

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



42.0224, 9.8851, 8.6957



67.3263, 0.8853, 6.2202



41.7763, 18.9327, -10.0414



31.8290, 0.7624, 3.1313



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.



42.0224, 9.8851, 8.6957



52.8056, 17.7211, 13.4028



47.8957, -0.7823, 14.2583



24.3520, 0.3246, 2.2523



24.1026, 36.6740, 15.4939



3.0776, 2.8575, 1.9464

Inverse Universe

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



48.9104, -12.0264, -3.5340



64.0505, -18.2794, -6.6128



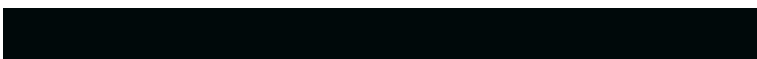
42.4028, -1.8553, -12.5012



25.3663, -2.8715, 0.4582



38.9800, -16.6991, -12.6730



4.6355, -2.2535, -0.9294

Previews

White Background



This preview shows how the HunterLab color 42.0214, 9.8868, 8.6950 looks on a white background.

Color Contrast Check

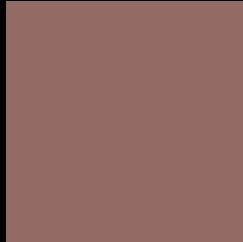
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0214, 9.8868, 8.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

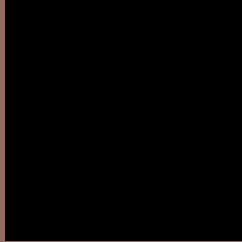
Any Text WCAG AA ✓ Pass

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 42.0214, 9.8868, 8.6950 Background



This preview shows how black text looks on a background with the HunterLab color 42.0214, 9.8868, 8.6950.



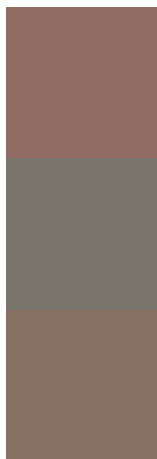
This preview shows how white text looks on a background with the HunterLab color 42.0214, 9.8868,

8.6950.

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

42.0214, 9.8868, 8.6950

Protanopia

42.3093, -2.3665, 6.9211

Deuteranopia

42.1885, 2.4845, 9.0960



Tritanopia

41.9420, 12.7616, 3.9832

Trichromacy



Original Color

42.0214, 9.8868, 8.6950

Protanomaly

41.9941, 2.0175, 7.4211

Deuteranomaly

42.1639, 5.0920, 9.1166

Tritanomaly

42.0810, 11.7338, 5.7508

Monochromacy



Original Color

42.0214, 9.8868, 8.6950

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.2748, 2.0015, 4.5855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0214, 9.8868, 8.6950 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(147, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(147, 107, 101)  
}
```

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(147, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 107, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0214, 9.8868, 8.6950 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(147, 107, 101) }
```


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

```
.border{ border-color:rgb(147, 107, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 107, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(147, 107,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0214, 9.8868, 8.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 107, 101) }
```

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

```
.background{ background-color: rgb(147,  
107, 101) }
```

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