

Converting Colors

HunterLab(45.8761, 9.1468,
9.5672)

Have a look what the booklet for
HunterLab(45.8761, 9.1468, 9.5672)
contains.

HunterLab(45.7106, 9.1650, 9.5611)	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(45.7106, 9.1650,
9.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	9C756D
RGB	156, 117, 109
RGB Percent	61%, 46%, 43%
CMY	0.3882, 0.5412, 0.5725
CMYK	0.00, 0.25, 0.30, 0.39
HSL	10°, 19%, 52%
HSV	10°, 30%, 61%
XYZ	22.8319, 20.8946, 17.2976
YIQ	127.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

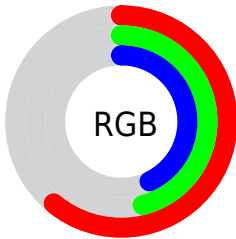
Format	Color
R_{YB}	156, 119, 109
Decimal	10253677
CIE _{Lab}	52.84, 14.12, 10.36
CIE _{LCh}	53, 17.511, 36.277
Yxy	20.8956, 0.3741, 0.3424
Android (android.graphics.Color)	4288443757 (0xFF9C756D)
YUV	127.7490, -9.2433, 24.7761
Hunter-Lab	45.7106, 9.1650, 9.5611

Details

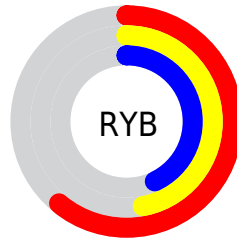
The HunterLab color $45.7106, 9.1650, 9.5611$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51.7981, -11.7421, -4.2895$, and the grayscale version is $46.3911, -2.4753, 2.5205$.

A 20% lighter version of the original color is $66.9051, 9.3697, 11.9183$, and $27.4720, 8.4950, 7.2410$ is the 20% darker color. If you saturate the color by 10%, you get $42.1641, 13.6773, 11.5274$, and if you desaturate by 10%, it is $49.4871, 4.8790, 7.4936$.

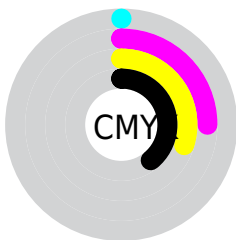
Distribution



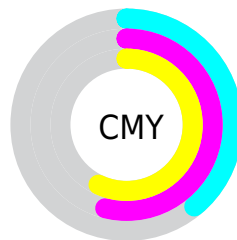
- Red (61%)
- Green (46%)
- Blue (43%)



- Red (61%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7106, 9.1650, 9.5611 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 45.7106, 9.1650, 9.5611 by changing the saturation by 10% instead.

■ 45.7106, 9.1650,
9.5611

■ 45.7106, 9.1650,
9.5611

160.2258, 8.6065,
20.0231

■ 36.1216, 8.8850,
8.4065

■ 67.0177, 9.4652,
11.8474

■ 27.3155, 8.5042,
7.2285

■ 78.6465, 9.5081,
12.9903

■ 19.3708, 8.0009,
6.0076

■ 90.8795, 9.4883,
14.1383

■ 12.3935, 7.3472,
4.7393

■ 103.6883, 9.4111,
15.2940

■ 5.6023, 10.6808,
3.9216

117.0480, 9.2808,
16.4592

0.0000, NaN, NaN

0.0000, NaN, NaN

130.9367, 9.1013,

17.6352

0.0000, NaN, NaN

145.3352, 8.8756,
18.8229

0.0000, NaN, NaN

■ 45.7106, 9.1650,
9.5611

■ 45.7106, 9.1650,
9.5611

■ 42.1641, 13.6773,
11.5274

■ 49.4871, 4.8790,
7.4936

■ 38.8809, 18.4030,
13.3463

■ 53.4599, 0.8205,
5.3532

■ 35.9045, 23.2840,
14.9582

■ 57.6047, -3.0286,
3.1610

■ 33.2820, 28.2061,
16.2860

■ 61.9008, -6.6892,
0.9306

■ 31.0619, 32.9808,
17.2431

■ 66.3310, -10.1833,
-1.3291

■ 29.2868, 37.3448,
17.7547

■ 70.8811, -13.5323,
-3.6126

■ 27.9856, 40.9100,
17.9608

■ 75.5393, -16.7555,
-5.9161

■ 80.2958, -19.8702,
-8.2374

■ 85.1422, -22.8916,
-10.5751

Harmonies

Analogous

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



45.7117, 12.0238, 3.8934



45.7106, 9.1650, 9.5611



45.7117, 3.2150, 12.9040

Triad

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



45.7117, 9.1632, 9.5618



45.7117, -14.3455, 7.4376



45.7117, -0.9305, -12.4929

Complementary

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



45.7106, 9.1650, 9.5611



51.7981, -11.7421, -4.2895

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.



45.7117, -7.8357, -11.1582



45.7106, 9.1650, 9.5611



45.7117, -15.3054, 1.0369

Square

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



45.7117, 9.1632, 9.5618



45.7117, -10.2857, 11.8156



45.7117, -12.9929, -5.9348



45.7117, 5.9701, -9.3443

Rectangle

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



45.7106, 9.1650, 9.5611



45.7117, -1.5464, 13.6978



45.7117, -12.9929, -5.9348



45.7117, -3.3297, -12.5597

Sweetspot

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



45.7117, 9.1632, 9.5618



72.5686, 0.6014, 6.9365



44.8874, 19.0236, -9.1056



33.6910, 0.6217, 3.4407



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



45.7117, 9.1632, 9.5618



58.4198, 16.3210, 14.6495



51.9865, -2.0546, 15.4970



26.1145, 0.2315, 2.5060



25.4719, 36.8979, 16.3416



4.0081, 3.2376, 2.5265

Inverse Universe

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



51.7981, -11.7421, -4.2895



68.2844, -17.7320, -7.8360



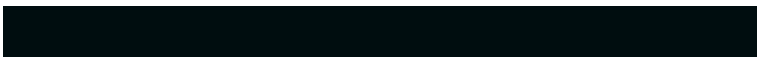
44.9830, -0.9477, -13.7545



27.0502, -2.9561, 0.3821



38.7921, -15.0690, -15.9571



5.6166, -2.5692, -1.4741

Previews

White Background



This preview shows how the HunterLab color 45.7106, 9.1650, 9.5611 looks on a white background.

Color Contrast Check

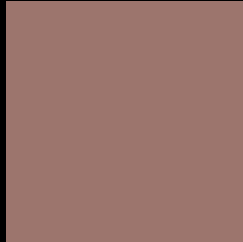
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.7106, 9.1650, 9.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

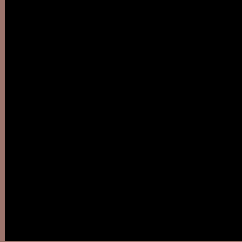
Any Text WCAG AA ✓ Pass

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 45.7106, 9.1650, 9.5611 Background



This preview shows how black text looks on a background with the HunterLab color 45.7106, 9.1650, 9.5611.



This preview shows how white text looks on a background with the HunterLab color 45.7106, 9.1650,

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

45.7106, 9.1650, 9.5611

Protanopia

45.8717, -2.3959, 7.6476

Deuteranopia

45.8492, 2.8577, 9.9557



Tritanopia

45.8103, 12.8392, 3.7730

Trichromacy



Original Color

45.7106, 9.1650, 9.5611

Protanomaly

45.8241, 1.5789, 8.4304

Deuteranomaly

45.7222, 5.1625, 9.8668

Tritanomaly

45.8157, 11.3008, 5.8437

Monochromacy



Original Color

45.7106, 9.1650, 9.5611

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.0424, 1.3828, 5.1015

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7106, 9.1650, 9.5611 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(156, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 117, 109)  
}
```

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(156, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 117, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7106, 9.1650, 9.5611 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(156, 117, 109) }
```


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

```
.border{ border-color:rgb(156, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(156, 117,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7106, 9.1650, 9.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 117, 109) }
```

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

```
.background{ background-color: rgb(156,  
117, 109) }
```

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