

Converting Colors

HunterLab(58.9308, -12.4862,
17.5697)

Have a look what the booklet for
HunterLab(58.9308, -12.4862,
17.5697) contains.

HunterLab(58.9308, -12.4862, 17.5697)	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(58.9308,
-12.4862, 17.5697)**

Conversions

Conversions Part 1

Format	Color
Hex	99A47A
RGB	153, 164, 122
RGB Percent	60%, 64%, 48%
CMY	0.4000, 0.3568, 0.5216
CMYK	0.07, 0.00, 0.26, 0.36
HSL	76°, 19%, 56%
HSV	76°, 26%, 64%
XYZ	29.9252, 34.7284, 23.5384
YIQ	155.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

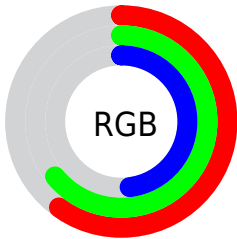
Format	Color
RYB	122, 164, 133
Decimal	10069114
CIELab	65.54, -11.30, 20.55
CIELCh	66, 23.452, 118.816
Yxy	34.7299, 0.3393, 0.3938
Android (android.graphics.Color)	4288259194 (0xFF99A47A)
YUV	155.9230, -16.7240, -2.5635
Hunter-Lab	58.9308, -12.4862, 17.5697

Details

The HunterLab color **58.9308, -12.4862, 17.5697** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46.4617, 8.3407, -16.0463**, and the grayscale version is **57.6923, -3.0783, 3.1345**.

A 20% lighter version of the original color is **81.9561, -14.7434, 20.9022**, and **38.5930, -9.8325, 13.9249** is the 20% darker color. If you saturate the color by 10%, you get **58.2636, -15.5737, 21.8636**, and if you desaturate by 10%, it is **59.6633, -9.1059, 12.5586**.

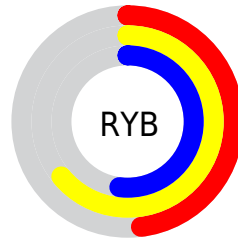
Distribution



Red (60%)

Green (64%)

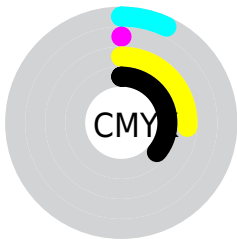
Blue (48%)



Red (48%)

Yellow (64%)

Blue (52%)

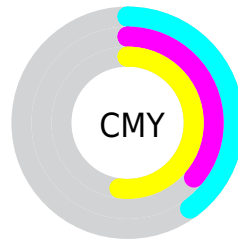


Cyan (7%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9308, -12.4862, 17.5697 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 58.9308, -12.4862, 17.5697 by changing the saturation by 10% instead.

■ 58.9308, -12.4862,
17.5697

■ 58.9308, -12.4862,
17.5697

179.8262,
-23.3844, 32.3426

■ 48.4303, -11.2957,
15.8032

■ 81.8945, -14.8638,
20.9741

■ 38.6391, -10.0925,
13.9701

■ 94.2858, -16.0558,
22.6328

■ 29.6144, -8.8678,
12.0442

■ 107.2458,
-17.2538, 24.2727

■ 21.4279, -7.6045,
9.9836

120.7506,
-18.4597, 25.8993

■ 14.1762, -6.2718,
8.0983

134.7789,
-19.6748, 27.5165

■ 7.8299, -6.7089,
5.4809

149.3120,

0.0000, NaN, NaN

-20.9002, 29.1279

0.0000, NaN, NaN

164.3329,
-22.1365, 30.7358

0.0000, NaN, NaN

■ 58.9308, -12.4862,
17.5697

■ 58.9308, -12.4862,
17.5697

■ 58.2636, -15.5737,
21.8636

■ 59.6633, -9.1059,
12.5586

■ 57.6568, -18.3605,
25.4420

■ 60.4576, -5.4345,
6.8323

■ 57.1103, -20.8481,
28.3182

■ 61.3152, -1.4826,
0.4026

■ 56.6220, -23.0412,
30.5153

■ 62.2358, 2.7390,
-6.7142

■ 56.1893, -24.9491,
32.0686

■ 63.2190, 7.2178,
-14.4968

■ 55.8083, -26.5878,
33.0284

■ 64.2640, 11.9402,
-22.9204

■ 55.4739, -27.9844,
33.4719

■ 65.3697, 16.8920,
-31.9571

■ 55.3355, -28.5577,
33.5975

■ 66.5351, 22.0584,
-41.5772

■ 67.0341, 23.7687,
-41.9559

Harmonies

Analogous

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



58.9321, -2.7334, 19.2451



58.9308, -12.4862, 17.5697



58.9321, -19.3116, 12.2394

Triad

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



58.9321, -12.4878, 17.5704



58.9321, -13.1572, -15.5159



58.9321, 18.2277, 2.8130

Complementary

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



58.9308, -12.4862, 17.5697



46.4617, 8.3407, -16.0463

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.



58.9321, 14.9713, -7.5268



58.9308, -12.4862, 17.5697



58.9321, -3.5607, -19.1790

Square

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



58.9321, -12.4878, 17.5704



58.9321, -19.6789, -6.7268



58.9321, 6.8130, -16.0313



58.9321, 15.4342, 11.6667

Rectangle

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



58.9308, -12.4862, 17.5697



58.9321, -21.5252, 6.7826



58.9321, 6.8130, -16.0313



58.9321, 17.8005, -0.6060

Sweetspot

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



58.9321, -12.4878, 17.5704



81.1713, -8.6142, 11.2547



50.9286, 6.0093, 10.0513



37.8797, -4.3671, 5.7958



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



58.9321, -12.4878, 17.5704



78.8480, -19.3555, 27.2424



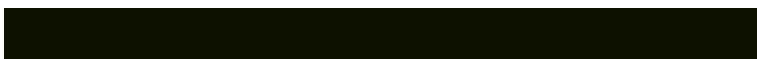
57.3617, -18.2818, 15.9942



28.5368, -3.2296, 4.2720



48.4774, -24.9086, 29.4355



7.1740, -3.0388, 4.3674

Inverse Universe

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



46.4617, 8.3407, -16.0463



58.3111, 15.1333, -28.6265



48.3956, 14.4987, -12.9558



26.3543, 0.3868, -1.5336



15.7121, 39.9871, -91.2382



2.7085, 6.2327, -10.6087

Previews

White Background



This preview shows how the HunterLab color 58.9308, -12.4862, 17.5697 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 58.9308, -12.4862, 17.5697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

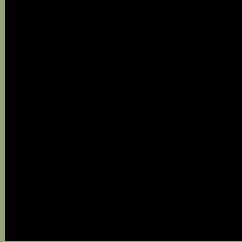
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

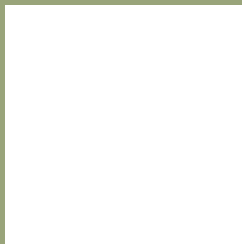
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.9308, -12.4862, 17.5697 Background



This preview shows how black text looks on a background with the HunterLab color 58.9308, -12.4862, 17.5697.



This preview shows how white text looks on a background with the HunterLab color 58.9308,

-12.4862, 17.5697.

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

58.9308, -12.4862, 17.5697

Protanopia

58.9053, -5.0065, 18.3242

Deuteranopia

58.8870, 3.8865, 17.1547



Tritanopia

59.0166, -0.5048, -1.8495

Trichromacy



Original Color

58.9308, -12.4862, 17.5697

Protanomaly

58.9599, -7.7964, 18.0039

Deuteranomaly

58.7730, -2.3619, 17.2706

Tritanomaly

58.8299, -5.1757, 5.7875

Monochromacy



Original Color

58.9308, -12.4862, 17.5697

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.1192, -6.6536, 8.7792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9308, -12.4862, 17.5697 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(153, 164, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 164, 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(153, 164, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9308, -12.4862, 17.5697 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(153, 164, 122) }
```


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

```
.border{ border-color:rgb(153, 164, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 164, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9308, -12.4862, 17.5697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 164, 122) }
```

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

```
.background{ background-color: rgb(153,  
164, 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