

Converting Colors

HunterLab(58.7358, -11.4198,
15.7247)

Have a look what the booklet for
HunterLab(58.7358, -11.4198,
15.7247) contains.

HunterLab(58.7358, -11.4198, 15.7247)	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(58.7358,
-11.4198, 15.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	99A37F
RGB	153, 163, 127
RGB Percent	60%, 64%, 50%
CMY	0.4000, 0.3608, 0.5020
CMYK	0.06, 0.00, 0.22, 0.36
HSL	77°, 16%, 57%
HSV	77°, 22%, 64%
XYZ	30.0648, 34.4989, 25.1530
YIQ	155.9060, 5.5960, -13.3160

Conversions

Conversions Part 2

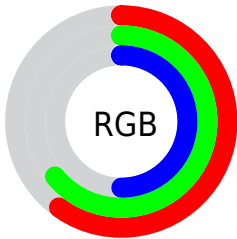
Format	Color
RYB	127, 163, 137
Decimal	10068863
CIELab	65.36, -10.00, 17.55
CIELCh	65, 20.202, 119.669
Yxy	34.5005, 0.3351, 0.3845
Android (android.graphics.Color)	4288258943 (0xFF99A37F)
YUV	155.9060, -14.2507, -2.5486
Hunter-Lab	58.7358, -11.4198, 15.7247

Details

The HunterLab color **58.7358, -11.4198, 15.7247** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48.1065, 6.7884, -12.9460**, and the grayscale version is **57.6759, -3.0774, 3.1336**.

A 20% lighter version of the original color is **81.7606, -13.5690, 18.8303**, and **38.3975, -8.9049, 12.3750** is the 20% darker color. If you saturate the color by 10%, you get **58.0317, -14.6648, 20.2252**, and if you desaturate by 10%, it is **59.5060, -7.8844, 10.5174**.

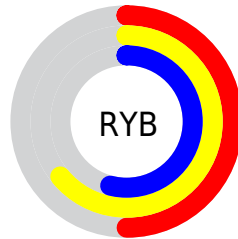
Distribution



Red (60%)

Green (64%)

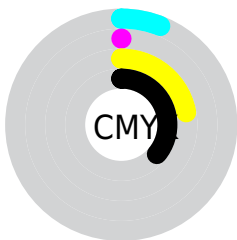
Blue (50%)



Red (50%)

Yellow (64%)

Blue (54%)

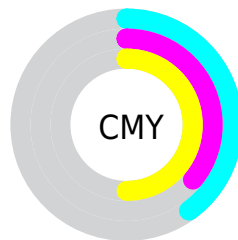


Cyan (6%)

Magenta (0%)

Yellow (22%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7358, -11.4198, 15.7247 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 58.7358, -11.4198, 15.7247 by changing the saturation by 10% instead.

■ 58.7358, -11.4198,
15.7247

■ 58.7358, -11.4198,
15.7247

179.5433,
-21.7949, 29.2293

■ 48.2476, -10.3040,
14.1463

■ 81.6769, -13.6615,
18.7923

■ 38.4697, -9.1816,
12.5186

■ 94.0577, -14.7909,
20.2979

■ 29.4594, -8.0453,
10.8198

■ 107.0077,
-15.9294, 21.7930

■ 21.2888, -6.8806,
9.0148

120.5028,
-17.0782, 23.2817

■ 14.0551, -5.6613,
7.2062

134.5219,
-18.2385, 24.7674

■ 7.7016, -6.0691,
5.3911

149.0461,

0.0000, NaN, NaN

-19.4110, 26.2526

0.0000, NaN, NaN

164.0583,
-20.5963, 27.7394

0.0000, NaN, NaN

■ 58.7358, -11.4198,
15.7247

■ 58.7358, -11.4198,
15.7247

■ 58.0317, -14.6648,
20.2252

■ 59.5060, -7.8844,
10.5174

■ 57.3892, -17.6096,
24.0166

■ 60.3386, -4.0620,
4.6085

■ 56.8083, -20.2539,
27.1082

■ 61.2349, 0.0355,
-1.9875

■ 56.2873, -22.5998,
29.5181

■ 62.1946, 4.3962,
-9.2517

■ 55.8239, -24.6543,
31.2761

■ 63.2167, 9.0065,
-17.1613

■ 55.4146, -26.4301,
32.4260

■ 64.3006, 13.8524,
-25.6897

■ 55.0554, -27.9477,
33.0292

■ 65.4450, 18.9188,
-34.8083

■ 54.7971, -29.0187,
33.2577

■ 66.5316, 23.5980,
-42.9007

■ 66.9729, 24.9493,
-42.0494

Harmonies

Analogous

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



58.7371, -3.0377, 17.3339



58.7358, -11.4198, 15.7247



58.7371, -17.2753, 10.8835

Triad

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



58.7371, -11.4213, 15.7254



58.7371, -11.5838, -12.7741



58.7371, 15.0960, 3.1025

Complementary

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



58.7358, -11.4198, 15.7247



48.1065, 6.7884, -12.9460

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.



58.7371, 12.4792, -5.6924



58.7358, -11.4198, 15.7247



58.7371, -3.2366, -15.6583

Square

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



58.7371, -11.4213, 15.7254



58.7371, -17.3651, -5.5041



58.7371, 5.6331, -12.8937



58.7371, 12.5888, 10.7423

Rectangle

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



58.7358, -11.4198, 15.7247



58.7371, -19.1382, 6.0600



58.7371, 5.6331, -12.8937



58.7371, 14.7843, 0.1827

Sweetspot

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



58.7371, -11.4213, 15.7254



80.1737, -8.0623, 10.2711



52.0554, 4.3163, 9.2822



37.9664, -3.9545, 5.0739



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.



58.7371, -11.4213, 15.7254



78.0816, -17.6834, 24.4220



57.3693, -16.4341, 14.3116



28.5270, -3.2643, 4.2608



48.3311, -25.4857, 29.3353



7.1589, -3.0968, 4.3571

Inverse Universe

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



48.1065, 6.7884, -12.9460



60.5001, 12.5512, -23.3152



49.7523, 12.1077, -10.4259



26.3643, 0.4209, -1.5201



15.8557, 40.1146, -90.2271



2.7420, 6.2706, -10.4358

Previews

White Background



This preview shows how the HunterLab color 58.7358, -11.4198, 15.7247 looks on a white background.

Color Contrast Check

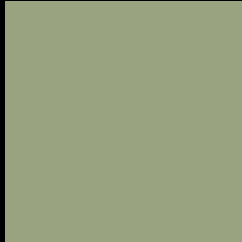
Large Text (above 18pt) WCAG AA × Fail

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 58.7358, -11.4198, 15.7247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

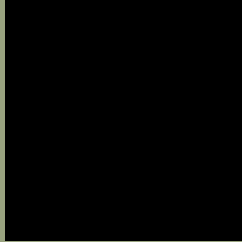
Any Text WCAG AA ✓ Pass

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 58.7358, -11.4198, 15.7247 Background



This preview shows how black text looks on a background with the HunterLab color 58.7358, -11.4198, 15.7247.



This preview shows how white text looks on a background with the HunterLab color 58.7358,

-11.4198, 15.7247.

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

58.7358, -11.4198, 15.7247

Protanopia

58.6254, -4.2772, 16.4279

Deuteranopia

58.5079, 4.2629, 15.0805



Tritanopia

58.6406, -0.3109, -2.3228

Trichromacy



Original Color

58.7358, -11.4198, 15.7247

Protanomaly

58.6809, -7.0521, 16.0919

Deuteranomaly

58.4976, -1.6184, 15.3189

Tritanomaly

58.5640, -4.5398, 5.0566

Monochromacy



Original Color

58.7358, -11.4198, 15.7247

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.1457, -6.5072, 8.3999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7358, -11.4198, 15.7247 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, 163, 127)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 127)  
}
```

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, 163, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7358, -11.4198, 15.7247 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, 163, 127) }
```


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

```
.border{ border-color:rgb(153, 163, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 127);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7358, -11.4198, 15.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 163, 127) }
```

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

```
.background{ background-color: rgb(153,  
163, 127) }
```

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