

Converting Colors

HunterLab(58.2549, -11.6069,
17.6564)

Have a look what the booklet for
HunterLab(58.2549, -11.6069,
17.6564) contains.

HunterLab(58.2830, -11.8084, 17.6306)	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(58.2830,
-11.8084, 17.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	99A278
RGB	153, 162, 120
RGB Percent	60%, 64%, 47%
CMY	0.4000, 0.3647, 0.5294
CMYK	0.06, 0.00, 0.26, 0.36
HSL	73°, 18%, 55%
HSV	73°, 26%, 64%
XYZ	29.4474, 33.9691, 22.7740
YIQ	154.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

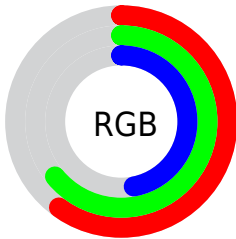
Format	Color
RYB	120, 162, 129
Decimal	10068600
CIELab	64.94, -10.54, 20.83
CIELCh	65, 23.346, 116.848
Yxy	33.9706, 0.3417, 0.3941
Android (android.graphics.Color)	4288258680 (0xFF99A278)
YUV	154.5210, -17.0189, -1.3339
Hunter-Lab	58.2830, -11.8084, 17.6306

Details

The HunterLab color **58.2830, -11.8084, 17.6306** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45.5079, 7.8021, -16.3588**, and the grayscale version is **57.1230, -3.0479, 3.1036**.

A 20% lighter version of the original color is **81.2728, -14.0333, 20.9926**, and **37.9124, -9.4709, 13.8730** is the 20% darker color. If you saturate the color by 10%, you get **57.6861, -14.6170, 21.8835**, and if you desaturate by 10%, it is **58.9412, -8.7160, 12.6605**.

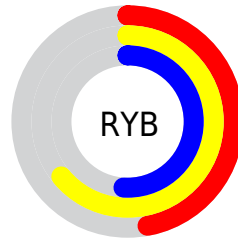
Distribution



Red (60%)

Green (64%)

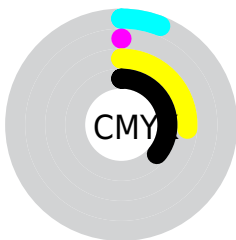
Blue (47%)



Red (47%)

Yellow (64%)

Blue (51%)

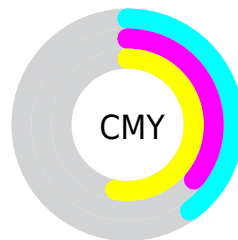


Cyan (6%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2830, -11.8084, 17.6306 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 58.2830, -11.8084, 17.6306 by changing the saturation by 10% instead.

■ 58.2830, -11.8084,
17.6306

■ 58.2830, -11.8084,
17.6306

178.8857,
-22.3976, 32.5325

■ 47.8236, -10.6613,
15.8427

■ 81.1714, -14.1065,
21.0715

■ 38.0766, -9.5047,
13.9852

■ 93.5278, -15.2616,
22.7461

■ 29.0999, -8.3304,
12.0307

■ 106.4544,
-16.4244, 24.4008

■ 20.9663, -7.1225,
9.9356

119.9272,
-17.5966, 26.0412

■ 13.7745, -5.8519,
8.1592

133.9247,
-18.7792, 27.6714

■ 7.3946, -6.6079,
5.1762

148.4281,

0.0000, NaN, NaN

-19.9731, 29.2950

0.0000, NaN, NaN

163.4202,
-21.1791, 30.9146

0.0000, NaN, NaN

■ 58.2830, -11.8084,
17.6306

■ 58.2830, -11.8084,
17.6306

■ 57.6861, -14.6170,
21.8835

■ 58.9412, -8.7160,
12.6605

■ 57.1455, -17.1361,
25.4235

■ 59.6577, -5.3394,
6.9725

■ 56.6609, -19.3693,
28.2665

■ 60.4340, -1.6868,
0.5754

■ 56.2301, -21.3232,
30.4378

■ 61.2701, 2.2331,
-6.5169

■ 55.8502, -23.0090,
31.9742

■ 62.1660, 6.4096,
-14.2856

■ 55.5175, -24.4437,
32.9272

■ 63.1209, 10.8311,
-22.7080

■ 55.2264, -25.6566,
33.3776

■ 64.1343, 15.4846,
-31.7581

■ 55.1139, -26.1210,
33.5036

■ 65.2051, 20.3570,
-41.4076

■ 65.7906, 22.6932,
-44.3226

Harmonies

Analogous

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



58.2843, -2.0173, 19.0536



58.2830, -11.8084, 17.6306



58.2843, -18.8191, 12.5836

Triad

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



58.2843, -11.8100, 17.6313



58.2843, -13.5766, -14.9551



58.2843, 18.0619, 2.1245

Complementary

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



58.2830, -11.8084, 17.6306



45.5079, 7.8021, -16.3588

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.



58.2843, 14.4552, -8.1280



58.2830, -11.8084, 17.6306



58.2843, -4.2007, -19.0076

Square

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



58.2843, -11.8100, 17.6313



58.2843, -19.7880, -6.0163



58.2843, 6.1258, -16.3157



58.2843, 15.6769, 11.0728

Rectangle

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



58.2830, -11.8084, 17.6306



58.2843, -21.2112, 7.3080



58.2843, 6.1258, -16.3157



58.2843, 17.5043, -1.2899

Sweetspot

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



58.2843, -11.8100, 17.6313



80.1576, -8.2391, 11.1832



49.5796, 7.0700, 9.4244



37.9202, -4.2237, 5.8420



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.



58.2843, -11.8100, 17.6313



78.0629, -18.1018, 27.1188



56.7032, -17.6302, 16.0511



28.5663, -3.1254, 4.3056



48.9369, -23.1082, 29.7502



7.2202, -2.8614, 4.3990

Inverse Universe

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



45.5079, 7.8021, -16.3588



57.2623, 14.0135, -28.7235



47.4022, 13.8488, -13.3058



26.3244, 0.2847, -1.5740



15.3262, 39.6555, -94.0410



2.6053, 6.1191, -11.1650

Previews

White Background



This preview shows how the HunterLab color 58.2830, -11.8084, 17.6306 looks on a white background.

Color Contrast Check

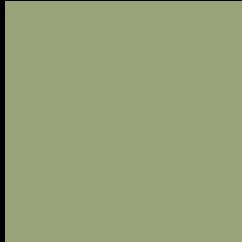
Large Text (above 18pt) WCAG AA × Fail

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 58.2830, -11.8084, 17.6306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

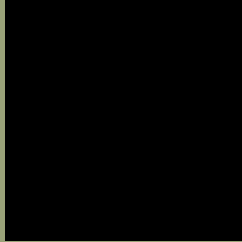
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

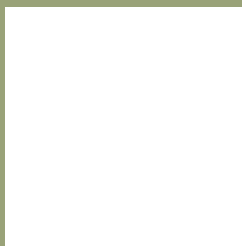
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.2830, -11.8084, 17.6306 Background



This preview shows how black text looks on a background with the HunterLab color 58.2830, -11.8084, 17.6306.



This preview shows how white text looks on a background with the HunterLab color 58.2830,

-11.8084, 17.6306.

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

58.2830, -11.8084, 17.6306

Protanopia

58.1867, -4.6136, 18.3091

Deuteranopia

58.0764, 3.9319, 17.0581



Tritanopia

58.3761, 0.1348, -1.6523

Trichromacy



Original Color

58.2830, -11.8084, 17.6306

Protanomaly

58.2363, -7.4100, 17.9867

Deuteranomaly

58.0581, -1.9688, 17.2677

Tritanomaly

58.1861, -4.5247, 5.9411

Monochromacy



Original Color

58.2830, -11.8084, 17.6306

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.6860, -6.7719, 9.1245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2830, -11.8084, 17.6306 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, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 120)  
}
```

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, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2830, -11.8084, 17.6306 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, 162, 120) }
```


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

```
.border{ border-color:rgb(153, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2830, -11.8084, 17.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 120) }
```

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

```
.background{ background-color: rgb(153,  
162, 120) }
```

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