

Converting Colors

HunterLab(21.5838, 10.0707,
-1.2566)

Have a look what the booklet for
HunterLab(21.5838, 10.0707,
-1.2566) contains.

HunterLab(21.6800, 9.8827, -0.9900)	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(21.6800, 9.8827,
-0.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	533443
RGB	83, 52, 67
RGB Percent	33%, 20%, 26%
CMY	0.6745, 0.7961, 0.7373
CMYK	0.00, 0.37, 0.19, 0.67
HSL	331°, 23%, 26%
HSV	331°, 37%, 33%
XYZ	5.8084, 4.7002, 5.9113
YIQ	62.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

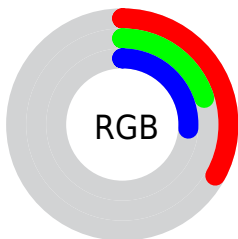
Format	Color
RYB	83, 52, 67
Decimal	5452867
CIELab	25.86, 16.50, -3.55
CIELCh	26, 16.876, 347.850
Yxy	4.7004, 0.3537, 0.2863
Android (android.graphics.Color)	4283642947 (0xFF533443)
YUV	62.9790, 1.9824, 17.5584
Hunter-Lab	21.6800, 9.8827, -0.9900

Details

The HunterLab color **21.6800, 9.8827, -0.9900** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27.0815, -10.7914, 4.5247**, and the grayscale version is **22.2781, -1.1887, 1.2104**.

A 20% lighter version of the original color is **38.9205, 10.9071, -0.5349**, and **7.9557, 8.8431, -1.3831** is the 20% darker color. If you saturate the color by 10%, you get **19.9348, 12.9849, -1.3520**, and if you desaturate by 10%, it is **23.5819, 6.7631, -0.4589**.

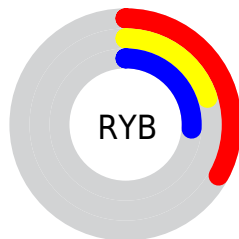
Distribution



Red (33%)

Green (20%)

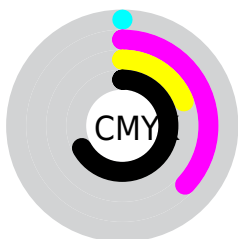
Blue (26%)



Red (33%)

Yellow (20%)

Blue (26%)

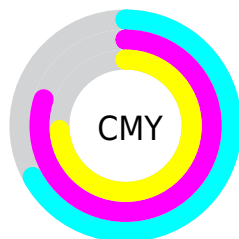


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6800, 9.8827, -0.9900 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 21.6800, 9.8827, -0.9900 by changing the saturation by 10% instead.

■ 21.6800, 9.8827,
-0.9900

■ 21.6800, 9.8827,
-0.9900

■ 121.1995, 11.9575,
2.8724

■ 14.3965, 9.1329,
-1.1381

■ 38.9464, 10.9590,
-0.4765

■ 8.0570, 8.7768,
-1.3889

■ 48.7615, 11.3310,
-0.1314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.2857, 11.6121,
0.2643

0.0000, NaN, NaN

■ 70.4740, 11.8128,
0.7060

0.0000, NaN, NaN

■ 82.2891, 11.9416,
1.1904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.6993, 12.0052,

1.7145

0.0000, NaN, NaN

107.6774, 12.0090,
2.2758

■ 21.6800, 9.8827,
-0.9900

■ 21.6800, 9.8827,
-0.9900

■ 19.9348, 12.9849,
-1.3520

■ 23.5819, 6.7631,
-0.4589

■ 18.3706, 15.9973,
-1.5062

■ 25.6170, 3.6719,
0.2056

■ 17.0156, 18.8028,
-1.4102

■ 27.7671, 0.6296,
0.9764

■ 15.8972, 21.2439,
-1.0293

■ 30.0169, -2.3556,
1.8323

■ 15.0368, 23.1426,
-0.3505

■ 32.3539, -5.2836,
2.7568

■ 14.3143, 24.7882,
0.4528

■ 34.7679, -8.1581,
3.7374

■ 14.1184, 25.2710,
0.6522

■ 37.2503, -10.9846,
4.7647

■ 39.7942, -13.7693,
5.8314

■ 42.3939, -16.5185,
6.9318

Harmonies

Analogous

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



21.6805, 7.0363, -6.4960



21.6800, 9.8827, -0.9900



21.6805, 9.5661, 3.9789

Triad

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



21.6805, 9.8818, -0.9895



21.6805, -4.2316, 8.5996



21.6805, -7.6582, -7.4331

Complementary

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



21.6800, 9.8827, -0.9900



27.0815, -10.7914, 4.5247

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.



21.6805, -10.1330, -2.0500



21.6800, 9.8827, -0.9900



21.6805, -8.2912, 6.7887

Square

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



21.6805, 9.8818, -0.9895



21.6805, 1.0572, 8.7511



21.6805, -10.3529, 3.1464



21.6805, -3.2877, -10.7784

Rectangle

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



21.6800, 9.8827, -0.9900



21.6805, 7.6078, 6.3812



21.6805, -10.3529, 3.1464



21.6805, -8.7202, -5.7494

Sweetspot

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



21.6805, 9.8818, -0.9895



35.0913, 2.4102, 0.8548



20.7167, 8.0221, -10.5153



17.3265, 1.3290, 0.3905



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



21.6805, 9.8818, -0.9895



26.1969, 16.6108, -1.7346



21.3147, 8.0497, 4.2371



13.8476, 0.5232, 0.4370



17.9205, 32.0028, 1.3986



42.8254, 76.0857, 6.3870

Inverse Universe

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



21.6805, 9.8818, -0.9895



26.1969, 16.6108, -1.7346



27.4613, -8.5959, -0.8978



13.8476, 0.5232, 0.4370



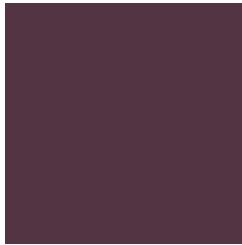
17.9205, 32.0028, 1.3986



42.8254, 76.0857, 6.3870

Previews

White Background



This preview shows how the HunterLab color 21.6800, 9.8827, -0.9900 looks on a white background.

Color Contrast Check

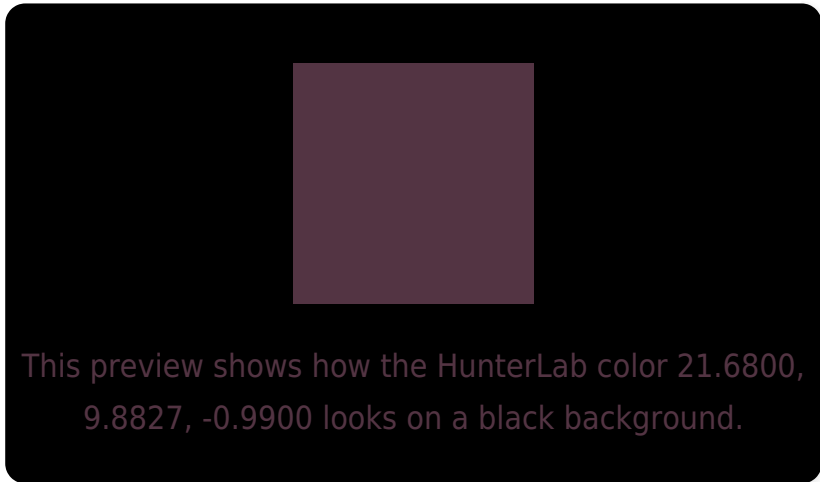
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

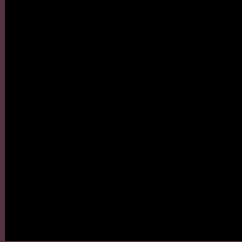
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.6800, 9.8827, -0.9900 Background



This preview shows how black text looks on a background with the HunterLab color 21.6800, 9.8827, -0.9900.



This preview shows how white text looks on a background with the HunterLab color 21.6800, 9.8827,

-0.9900.

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

21.6800, 9.8827, -0.9900

Protanopia

21.7907, 0.1617, -3.7205

Deuteranopia

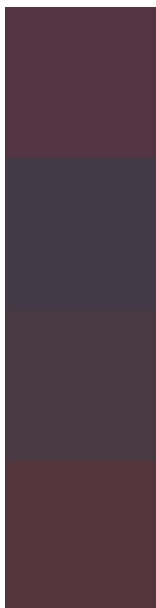
21.8708, 1.2770, -0.4737



Tritanopia

21.7662, 7.5267, 2.6400

Trichromacy



Original Color

21.6800, 9.8827, -0.9900

Protanomaly

21.7025, 3.4269, -2.8528

Deuteranomaly

21.6733, 4.2314, -0.6710

Tritanomaly

21.6263, 8.3349, 1.3682

Monochromacy



Original Color

21.6800, 9.8827, -0.9900

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9093, 2.5183, 0.4183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6800, 9.8827, -0.9900 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(83, 52, 67)` looks like.

```
.text, #text, p{  
    color:rgb(83, 52, 67)  
}
```

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(83, 52, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 52, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6800, 9.8827, -0.9900 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(83, 52, 67) }
```


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

```
.border{ border-color:rgb(83, 52, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 52, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 52, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 52, 67);  
box-shadow:4px 4px 4px 4px rgb(83, 52, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6800, 9.8827, -0.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 52, 67) }
```

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

```
.background{ background-color: rgb(83, 52,  
67) }
```

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