

Converting Colors

HunterLab(21.8039, 33.8970,
9.4903)

Have a look what the booklet for
HunterLab(21.8039, 33.8970,
9.4903) contains.

HunterLab(21.8039, 33.8970, 9.4903)	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(21.8039, 33.8970,
9.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	7C0F24
RGB	124, 15, 36
RGB Percent	49%, 6%, 14%
CMY	0.5137, 0.9411, 0.8588
CMYK	0.00, 0.88, 0.71, 0.51
HSL	348°, 78%, 27%
HSV	348°, 88%, 49%
XYZ	8.8014, 4.7541, 2.1228
YIQ	49.9850, 58.2230, 29.6390

Conversions

Conversions Part 2

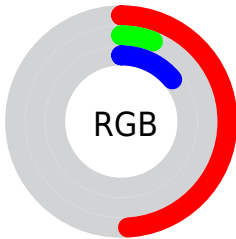
Format	Color
R_{YB}	124, 15, 36
Decimal	8130340
CIE _{Lab}	26.02, 45.07, 18.62
CIE _{LCh}	26, 48.771, 22.450
Yxy	4.7544, 0.5614, 0.3032
Android (android.graphics.Color)	4286320420 (0xFF7C0F24)
YUV	49.9850, -6.8946, 64.9112
Hunter-Lab	21.8039, 33.8970, 9.4903

Details

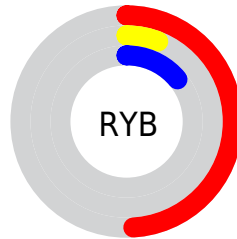
The HunterLab color **21.8039, 33.8970, 9.4903** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39.3654, -24.2093, 4.5020**, and the grayscale version is **17.8650, -0.9532, 0.9706**.

A 20% lighter version of the original color is **39.1016, 37.1244, 13.2363**, and **11.0858, 18.9847, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **21.0149, 35.6501, 10.8181**, and if you desaturate by 10%, it is **22.9897, 31.2538, 8.0440**.

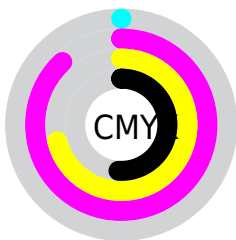
Distribution



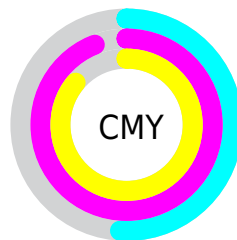
- Red (49%)
- Green (6%)
- Blue (14%)



- Red (49%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (88%)
- Yellow (71%)
- Black (51%)



- Cyan (51%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8039, 33.8970, 9.4903 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 21.8039, 33.8970, 9.4903 by changing the saturation by 10% instead.

21.8039, 33.8970,
9.4903

21.8039, 33.8970,
9.4903

121.4196, 46.4446,
24.3183

14.5048, 32.0627,
7.5809

39.0971, 37.4375,
13.1523

8.1658, 31.3208,
5.7161

48.9240, 39.0451,
14.8493

0.0000, INF, NaN

59.4591, 40.5354,
16.4925

0.0000, NaN, NaN

70.6577, 41.9135,
18.0977

0.0000, NaN, NaN

82.4825, 43.1865,
19.6759


0.0000, NaN, NaN


94.9020, 44.3615,


0.0000, NaN, NaN


21.2350


0.0000, NaN, NaN


 107.8889, 45.4455,
22.7810


 21.8039, 33.8970,
9.4903


 21.8039, 33.8970,
9.4903


 21.0149, 35.6501,
10.8181


 22.9897, 31.2538,
8.0440

 20.8579, 36.0335,
11.0455

 24.6489, 27.6806,
6.6663

 26.7464, 23.4955,
5.4543

 29.2294, 18.9938,
4.4564

 32.0425, 14.3893,
3.6821

■ 35.1344, 9.8115,
3.1174

■ 38.4617, 5.3272,
2.7380

■ 41.9887, 0.9625,
2.5175

■ 45.6865, -3.2786,
2.4310

Harmonies

Analogous

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



21.8046, 37.0680, -2.8879



21.8039, 33.8970, 9.4903



21.8046, 20.1985, 14.0843

Triad

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



21.8046, 33.8945, 9.4908



21.8046, -20.1580, 12.3757



21.8046, -4.9534, -49.9782

Complementary

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



21.8039, 33.8970, 9.4903



39.3654, -24.2093, 4.5020

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.



21.8046, -16.5509, -35.5160



21.8039, 33.8970, 9.4903



21.8046, -23.5838, 4.6010

Square

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



21.8046, 33.8945, 9.4908



21.8046, -11.4427, 15.2632



21.8046, -22.4792, -12.6977



21.8046, 11.4601, -44.8169

Rectangle

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



21.8039, 33.8970, 9.4903



21.8046, 8.5970, 15.2632



21.8046, -22.4792, -12.6977



21.8046, -9.4631, -47.0309

Sweetspot

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



21.8046, 33.8945, 9.4908



47.1555, 12.2479, 4.0582



21.5262, 39.5416, -38.5644



22.2995, 6.7704, 2.0551



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.8046, 33.8945, 9.4908



27.6394, 47.6900, 15.0945



25.3173, 22.2760, 14.9310



20.0661, 0.7063, 1.2240



21.0296, 36.3286, 11.1483



45.8237, 78.9513, 25.9135

Inverse Universe

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



21.8046, 33.8945, 9.4908



27.6394, 47.6900, 15.0945



30.1512, -7.7579, -19.0537



20.0661, 0.7063, 1.2240



21.0296, 36.3286, 11.1483



45.8237, 78.9513, 25.9135

Previews

White Background



This preview shows how the HunterLab color 21.8039, 33.8970, 9.4903 looks on a white background.

Color Contrast Check

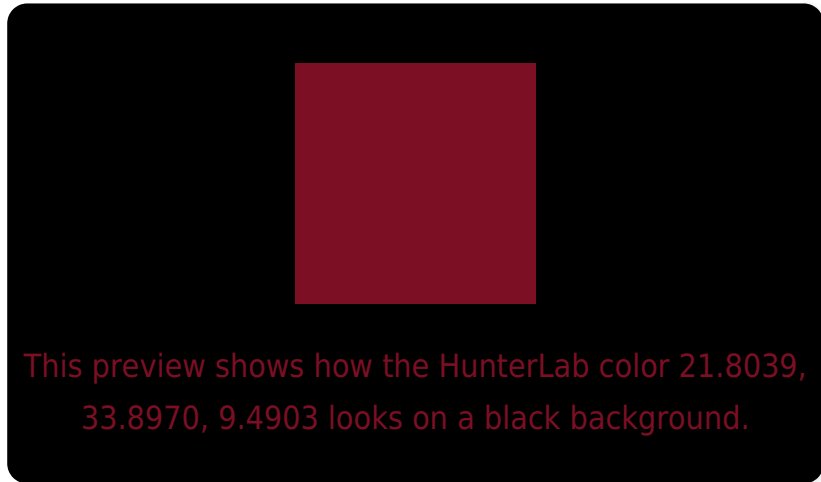
Large Text (above 18pt) WCAG AA ✓ Pass

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

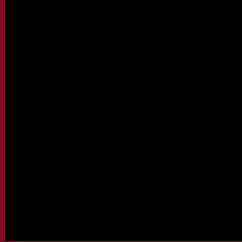
Any Text WCAG AA × Fail

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 21.8039, 33.8970, 9.4903 Background



This preview shows how black text looks on a background with the HunterLab color 21.8039, 33.8970, 9.4903.



This preview shows how white text looks on a background with the HunterLab color 21.8039, 33.8970,

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

21.8039, 33.8970, 9.4903

Protanopia

22.6797, -1.6189, 5.4536

Deuteranopia

22.5688, 1.0592, 10.6985



Tritanopia

21.9751, 31.9806, 12.5569

Trichromacy



Original Color

21.8039, 33.8970, 9.4903

Protanomaly

20.5571, 11.7356, 5.4178

Deuteranomaly

20.8292, 13.9449, 9.1892

Tritanomaly

21.8812, 32.7119, 11.5637

Monochromacy



Original Color

21.8039, 33.8970, 9.4903

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.5795, 11.8395, 2.6666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8039, 33.8970, 9.4903 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(124, 15, 36)` looks like.

```
.text, #text, p{  
    color:rgb(124, 15, 36)  
}
```

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(124, 15, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 15, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8039, 33.8970, 9.4903 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(124, 15, 36) }
```


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

```
.border{ border-color:rgb(124, 15, 36) }
```

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

Here you see how a box with a 4 pixel rgb(124, 15, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 15, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 15, 36);  
box-shadow:4px 4px 4px 4px rgb(124, 15,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.8039, 33.8970, 9.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 15, 36) }
```

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

```
.background{ background-color: rgb(124, 15,  
36) }
```

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