

Converting Colors

HunterLab(17.0917, 9.6417,
1.7954)

Have a look what the booklet for
HunterLab(17.0917, 9.6417, 1.7954)
contains.

HunterLab(17.0970, 9.5950, 1.7395)	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(17.0970, 9.5950,
1.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	47262E
RGB	71, 38, 46
RGB Percent	28%, 15%, 18%
CMY	0.7216, 0.8510, 0.8196
CMYK	0.00, 0.46, 0.35, 0.72
HSL	345°, 30%, 21%
HSV	345°, 46%, 28%
XYZ	3.7848, 2.9231, 2.9495
YIQ	48.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

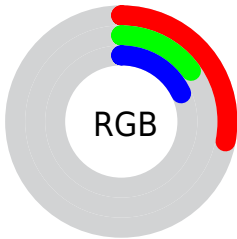
Format	Color
R_{YB}	71, 38, 46
Decimal	4662830
CIE Lab	19.73, 16.72, 1.54
CIE LCh	20, 16.789, 5.277
Yxy	2.9232, 0.3919, 0.3027
Android (android.graphics.Color)	4282852910 (0xFF47262E)
YUV	48.7790, -1.3700, 19.4878
Hunter-Lab	17.0970, 9.5950, 1.7395

Details

The HunterLab color **17.0970, 9.5950, 1.7395** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22.9728, -9.5114, 1.8516**, and the grayscale version is **17.4523, -0.9312, 0.9482**.

A 20% lighter version of the original color is **33.4340, 10.8279, 2.8359**, and **5.1323, 8.8319, 2.9854** is the 20% darker color. If you saturate the color by 10%, you get **15.7224, 11.9909, 2.1171**, and if you desaturate by 10%, it is **18.6187, 7.1730, 1.4846**.

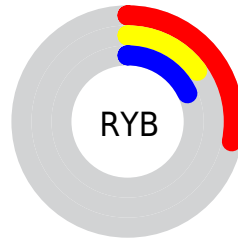
Distribution



Red (28%)

Green (15%)

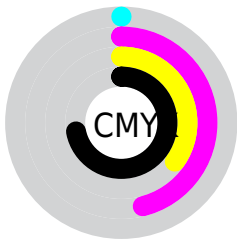
Blue (18%)



Red (28%)

Yellow (15%)

Blue (18%)

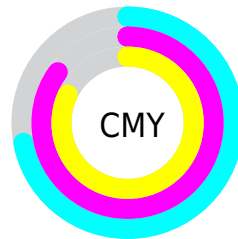


Cyan (0%)

Magenta (46%)

Yellow (35%)

Black (72%)



Cyan (72%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0970, 9.5950, 1.7395 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 17.0970, 9.5950, 1.7395 by changing the saturation by 10% instead.

■ 17.0970, 9.5950,
1.7395

■ 17.0970, 9.5950,
1.7395

■ 112.8472, 12.2420,
7.6881

■ 10.4488, 8.7259,
1.2487

■ 33.3035, 10.8569,
2.8326

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.6575, 11.3027,
3.4322

0.0000, NaN, NaN

■ 52.7530, 11.6489,
4.0653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5390, 11.9081,
4.7306

0.0000, NaN, NaN

■ 74.9740, 12.0900,
5.4266

0.0000, NaN, NaN

■ 87.0229, 12.2023,

0.0000, NaN, NaN

6.1522

99.6559, 12.2512,
6.9064

17.0970, 9.5950,
1.7395

17.0970, 9.5950,
1.7395

15.7224, 11.9909,
2.1171

18.6187, 7.1730,
1.4846

14.5173, 14.2861,
2.6243

20.2649, 4.7735,
1.3377

13.5069, 16.3662,
3.2578

22.0181, 2.4193,
1.2844

12.7123, 18.0908,
3.9954

23.8635, 0.1198,
1.3105

12.0054, 19.7914,
4.6783

25.7888, -2.1239,
1.4036

■ 11.7504, 20.4729,
4.8796

■ 27.7840, -4.3150,
1.5534

■ 29.8411, -6.4587,
1.7510

■ 31.9535, -8.5611,
1.9894

■ 34.1155, -10.6280,
2.2628

Harmonies

Analogous

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



17.0974, 8.5838, -3.2896



17.0970, 9.5950, 1.7395



17.0974, 7.5398, 5.3647

Triad

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



17.0974, 9.5941, 1.7398



17.0974, -6.0536, 6.7797



17.0974, -4.7022, -9.4614

Complementary

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



17.0970, 9.5950, 1.7395



22.9728, -9.5114, 1.8516

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.



17.0974, -7.9881, -5.1435



17.0970, 9.5950, 1.7395



17.0974, -8.7042, 4.2907

Square

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



17.0974, 9.5941, 1.7398



17.0974, -1.7768, 7.6981



17.0974, -9.3702, 0.0799



17.0974, -0.0321, -10.7127

Rectangle

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



17.0970, 9.5950, 1.7395



17.0974, 4.8322, 6.8099



17.0974, -9.3702, 0.0799



17.0974, -5.9876, -8.2705

Sweetspot

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



17.0974, 9.5941, 1.7398



29.0855, 2.5624, 1.6691



16.9996, 10.8291, -10.1265



14.5742, 1.4551, 0.8436



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



17.0974, 9.5941, 1.7398



20.1615, 16.1117, 2.8528



18.5829, 5.2805, 5.6920



12.3268, 0.3168, 0.6824



16.5664, 28.7711, 7.5986



40.7415, 70.4482, 21.0765

Inverse Universe

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



17.0974, 9.5941, 1.7398



20.1615, 16.1117, 2.8528



20.9630, -5.1759, -4.0335



12.3268, 0.3168, 0.6824



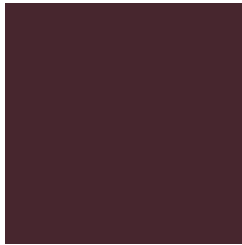
16.5664, 28.7711, 7.5986



40.7415, 70.4482, 21.0765

Previews

White Background



This preview shows how the HunterLab color 17.0970, 9.5950, 1.7395 looks on a white background.

Color Contrast Check

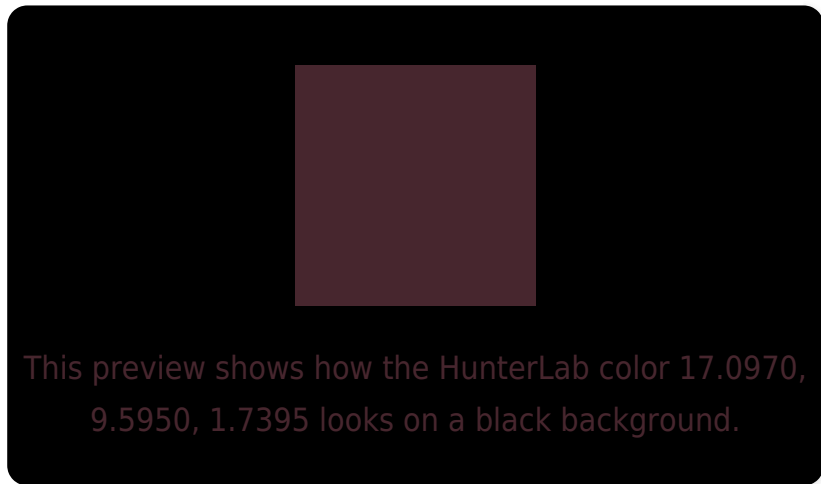
Large Text (above 18pt) WCAG AA ✓ Pass

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

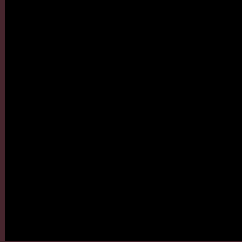
Any Text WCAG AA × Fail

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 17.0970, 9.5950, 1.7395 Background



This preview shows how black text looks on a background with the HunterLab color 17.0970, 9.5950, 1.7395.



This preview shows how white text looks on a background with the HunterLab color 17.0970, 9.5950,

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

17.0970, 9.5950, 1.7395

Protanopia

17.2922, -0.3703, -0.4903

Deuteranopia

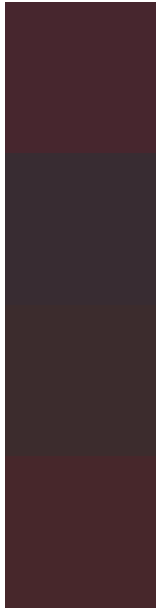
17.3400, 0.6556, 2.2076



Tritanopia

17.1983, 8.7408, 3.1989

Trichromacy



Original Color

17.0970, 9.5950, 1.7395

Protanomaly

16.9482, 3.0670, -0.0595

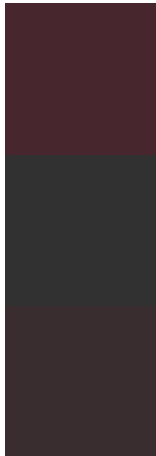
Deuteranomaly

17.1799, 3.5763, 2.0809

Tritanomaly

17.2193, 8.8444, 2.8958

Monochromacy



Original Color

17.0970, 9.5950, 1.7395

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.2047, 2.6689, 1.0117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0970, 9.5950, 1.7395 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(71, 38, 46)` looks like.

```
.text, #text, p{  
    color:rgb(71, 38, 46)  
}
```

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(71, 38, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 38, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0970, 9.5950, 1.7395 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(71, 38, 46) }
```


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

```
.border{ border-color:rgb(71, 38, 46) }
```

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

Here you see how a box with a 4 pixel rgb(71, 38, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 38, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 38, 46);  
box-shadow:4px 4px 4px 4px rgb(71, 38, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0970, 9.5950, 1.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 38, 46) }
```

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

```
.background{ background-color: rgb(71, 38,  
46) }
```

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