

Converting Colors

HunterLab(16.1409, 32.7980,
9.9841)

Have a look what the booklet for
HunterLab(16.1409, 32.7980,
9.9841) contains.

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Color

**HunterLab(17.1872, 29.4974,
10.6118)**

Conversions

Conversions Part 1

Format	Color
Hex	680005
RGB	104, 0, 5
RGB Percent	41%, 0%, 2%
CMY	0.5922, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.95, 0.59
HSL	357°, 100%, 20%
HSV	357°, 100%, 41%
XYZ	5.7363, 2.9540, 0.4114
YIQ	31.6660, 60.3790, 23.6030

Conversions

Conversions Part 2

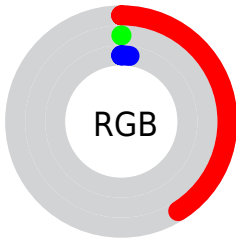
Format	Color
R_YB	104, 0, 5
Decimal	6815749
CIE _{Lab}	19.86, 41.56, 28.36
CIE _{LCh}	20, 50.311, 34.305
Yxy	2.9542, 0.6302, 0.3246
Android (android.graphics.Color)	4285005829 (0xFF680005)
YUV	31.6660, -13.1463, 63.4369
Hunter-Lab	17.1872, 29.4974, 10.6118

Details

The HunterLab color **17.1872, 29.4974, 10.6118** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **32.8658, -18.3946, -1.3696**, and the grayscale version is **11.9417, -0.6372, 0.6488**.

A 20% lighter version of the original color is **33.3817, 32.9763, 15.7873**, and **8.4154, 14.4637, 5.0341** is the 20% darker color. If you saturate the color by 10%, you get **17.1871, 29.4970, 10.6126**, and if you desaturate by 10%, it is **17.8976, 27.5958, 10.0266**.

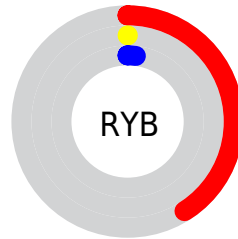
Distribution



Red (41%)

Green (0%)

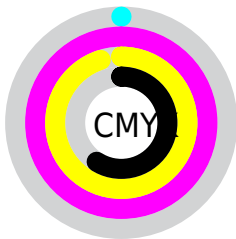
Blue (2%)



Red (41%)

Yellow (0%)

Blue (2%)

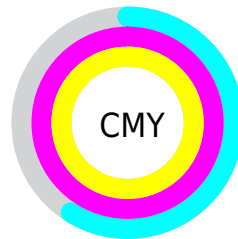


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (59%)



Cyan (59%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 17.1872, 29.4974, 10.6118 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 17.1872, 29.4974, 10.6118 by changing the saturation by 10% instead.

 17.1872, 29.4974,
10.6118

 17.1872, 29.4974,
10.6118


 113.0165, 41.4926,
31.1783

 10.5255, 27.7857,
7.3679


 33.4163, 32.9315,
15.8136

0.0000, INF, NaN

0.0000, NaN, NaN


 42.7800, 34.4867,
18.2816

0.0000, NaN, NaN


 52.8844, 35.9196,
20.6172

0.0000, NaN, NaN

0.0000, NaN, NaN

 63.6789, 37.2359,
22.8531

0.0000, NaN, NaN


 75.1217, 38.4436,
25.0123


0.0000, NaN, NaN


 87.1782, 39.5507,


0.0000, NaN, NaN


27.1116


 99.8184, 40.5647,
29.1637


 17.1872, 29.4974,
10.6118


 17.1872, 29.4974,
10.6118


 17.1871, 29.4970,
10.6126

 17.8976, 27.5958,
10.0266

 18.8194, 25.3682,
9.1783

 20.1335, 22.4237,
8.1840

 21.8124, 19.0230,
7.1338

 23.8138, 15.4056,
6.0990

■ 26.0917, 11.7433,
5.1232

■ 28.6036, 8.1379,
4.2266

■ 31.3128, 4.6391,
3.4140

■ 34.1894, 1.2641,
2.6813

Harmonies

Analogous

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



17.1878, 37.6903, 2.8473



17.1872, 29.4974, 10.6118



17.1878, 13.2526, 12.0314

Triad

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



17.1878, 29.4952, 10.6121



17.1878, -19.7870, 9.0345



17.1878, 1.2721, -53.9223

Complementary

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



17.1872, 29.4974, 10.6118



32.8658, -18.3946, -1.3696

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.



17.1878, -11.6038, -45.7470



17.1872, 29.4974, 10.6118



17.1878, -21.0936, -1.2245

Square

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



17.1878, 29.4952, 10.6121



17.1878, -14.2025, 12.0314



17.1878, -18.6822, -22.4029



17.1878, 18.2547, -39.8510

Rectangle

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



17.1872, 29.4974, 10.6118



17.1878, 1.9999, 12.0314



17.1878, -18.6822, -22.4029



17.1878, -3.6534, -53.7345

Sweetspot

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



17.1878, 29.4952, 10.6121



37.5919, 11.1820, 5.6955



19.0816, 37.9126, -28.2717



18.0480, 6.2489, 2.9904



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



17.1878, 29.4952, 10.6121



22.7543, 39.0298, 14.2191



22.2722, 14.8619, 13.9835



16.8772, 0.4420, 1.2744



19.0787, 32.7362, 11.8379



43.5283, 74.6025, 27.6704

Inverse Universe

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



17.1878, 29.4952, 10.6121



22.7543, 39.0298, 14.2191



19.8645, 0.9291, -26.8328



16.8772, 0.4420, 1.2744



19.0787, 32.7362, 11.8379



43.5283, 74.6025, 27.6704

Previews

White Background



This preview shows how the HunterLab color 17.1872, 29.4974, 10.6118 looks on a white background.

Color Contrast Check

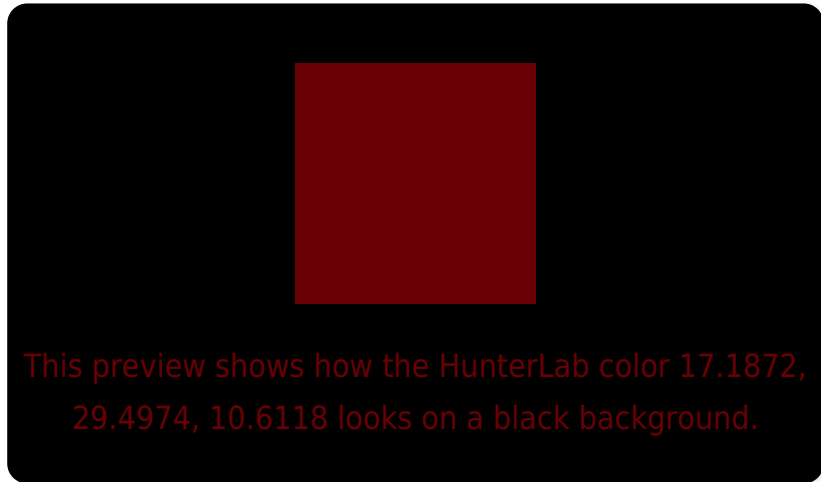
Large Text (above 18pt) WCAG AA ✓ Pass

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

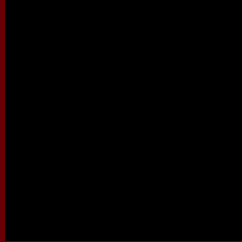
Any Text WCAG AA × Fail

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 17.1872, 29.4974, 10.6118 Background



This preview shows how black text looks on a background with the HunterLab color 17.1872, 29.4974, 10.6118.



This preview shows how white text looks on a background with the HunterLab color 17.1872, 29.4974,

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

17.1872, 29.4974, 10.6118

Protanopia

18.7363, -2.6552, 10.0686

Deuteranopia

18.5458, 0.1478, 11.4304



Tritanopia

17.6087, 26.9870, 11.3228

Trichromacy



Original Color

17.1872, 29.4974, 10.6118

Protanomaly

16.3220, 10.0858, 9.0840

Deuteranomaly

16.5616, 12.3584, 10.2160

Tritanomaly

17.3730, 27.8501, 10.9967

Monochromacy



Original Color

17.1872, 29.4974, 10.6118

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0739, 10.5070, 3.8964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1872, 29.4974, 10.6118 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(104, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 5)  
}
```

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(104, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1872, 29.4974, 10.6118 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(104, 0, 5) }
```


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

```
.border{ border-color:rgb(104, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(104, 0, 5); box-shadow:4px  
4px 4px 4px rgb(104, 0, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.1872, 29.4974, 10.6118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 5) }
```

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

```
.background{ background-color: rgb(104, 0,  
5) }
```

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](#).

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