

Converting Colors

HunterLab(17.8366, 4.8171,
9.3123)

Have a look what the booklet for
HunterLab(17.8366, 4.8171, 9.3123)
contains.

HunterLab(17.8366, 4.8171, 9.3123)	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(17.8366, 4.8171,
9.3123)**

Conversions

Conversions Part 1

Format	Color
Hex	472C11
RGB	71, 44, 17
RGB Percent	28%, 17%, 7%
CMY	0.7216, 0.8274, 0.9333
CMYK	0.00, 0.38, 0.76, 0.72
HSL	30°, 61%, 17%
HSV	30°, 76%, 28%
XYZ	3.6004, 3.1814, 0.9547
YIQ	48.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

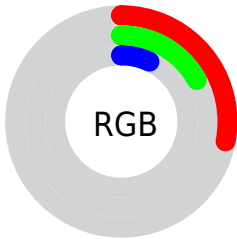
Format	Color
RYB	71, 71, 17
Decimal	4664337
CIELab	20.76, 9.49, 22.13
CIElCh	21, 24.080, 66.796
Yxy	3.1816, 0.4654, 0.4112
Android (android.graphics.Color)	4282854417 (0xFF472C11)
YUV	48.9950, -15.7735, 19.2984
Hunter-Lab	17.8366, 4.8171, 9.3123

Details

The HunterLab color **17.8366, 4.8171, 9.3123** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.4123, -0.6909, -13.4475**, and the grayscale version is **17.5691, -0.9374, 0.9546**.

A 20% lighter version of the original color is **34.3164, 4.9549, 13.8463**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **17.0574, 6.0109, 9.6277**, and if you desaturate by 10%, it is **18.6639, 3.7114, 8.8028**.

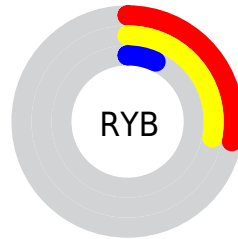
Distribution



Red (28%)

Green (17%)

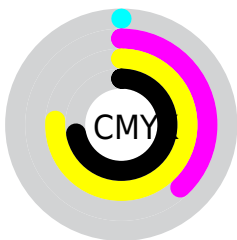
Blue (7%)



Red (28%)

Yellow (28%)

Blue (7%)

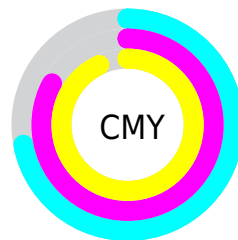


Cyan (0%)

Magenta (38%)

Yellow (76%)

Black (72%)



Cyan (72%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8366, 4.8171, 9.3123 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 17.8366, 4.8171, 9.3123 by changing the saturation by 10% instead.

■ 17.8366, 4.8171,
9.3123

■ 17.8366, 4.8171,
9.3123

■ 114.2276, 4.1715,
26.4290

■ 11.0782, 4.4390,
7.7547

■ 34.2249, 5.1932,
13.7193

■ 2.8949, 14.1269,
2.0264

■ 43.6574, 5.2393,
15.7089

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8257, 5.2091,
17.6105

0.0000, NaN, NaN

■ 64.6800, 5.1117,
19.4481

0.0000, NaN, NaN

■ 76.1792, 4.9542,
21.2383

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2892, 4.7422,

22.9929

0.0000, NaN, NaN

■ 100.9805, 4.4801,
24.7209

■ 17.8366, 4.8171,
9.3123

■ 17.8366, 4.8171,
9.3123

■ 17.0574, 6.0109,
9.6277

■ 18.6639, 3.7114,
8.8028

■ 16.3182, 7.2394,
9.8896

■ 19.5350, 2.6999,
8.1078

■ 16.0357, 7.7190,
10.0162

■ 20.4472, 1.7814,
7.2393

■ 21.3977, 0.9538,
6.2101

■ 22.3837, 0.2134,
5.0334

■ 23.4027, -0.4441,
3.7219

■ 24.4523, -1.0239,
2.2874

■ 25.5304, -1.5311,
0.7410

■ 26.6350, -1.9708,
-0.9076

Harmonies

Analogous

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



17.8371, 11.4962, 7.1794



17.8366, 4.8171, 9.3123



17.8371, -2.5563, 9.7259

Triad

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



17.8371, 4.8161, 9.3125



17.8371, -12.6904, -0.6532



17.8371, 8.0873, -13.0627

Complementary

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



17.8366, 4.8171, 9.3123



15.4123, -0.6909, -13.4475

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.



17.8371, 0.7096, -17.5991



17.8366, 4.8171, 9.3123



17.8371, -10.7119, -8.8162

Square

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



17.8371, 4.8161, 9.3125



17.8371, -11.9458, 5.4071



17.8371, -6.0704, -15.7970



17.8371, 13.5836, -5.0138

Rectangle

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



17.8366, 4.8171, 9.3123



17.8371, -6.7567, 9.1629



17.8371, -6.0704, -15.7970



17.8371, 5.7037, -15.1689

Sweetspot

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



17.8371, 4.8161, 9.3125



29.3889, 0.0838, 6.1907



13.8650, 17.6240, -1.3379



14.7343, 0.1233, 3.2773



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.



17.8371, 4.8161, 9.3125



21.3711, 9.2154, 12.6719



24.2622, -6.0193, 13.5488



12.7039, -0.4642, 1.3991



22.2173, 11.9276, 13.8990



53.1422, 33.3697, 33.3302

Inverse Universe

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



15.4123, -0.6909, -13.4475



17.6243, 1.2459, -23.0265



9.8745, 11.0821, -29.5148



12.5455, -0.8518, -0.0593



17.7960, 2.9849, -28.6869



41.7830, 11.5338, -77.1233

Previews

White Background



This preview shows how the HunterLab color 17.8366, 4.8171, 9.3123 looks on a white background.

Color Contrast Check

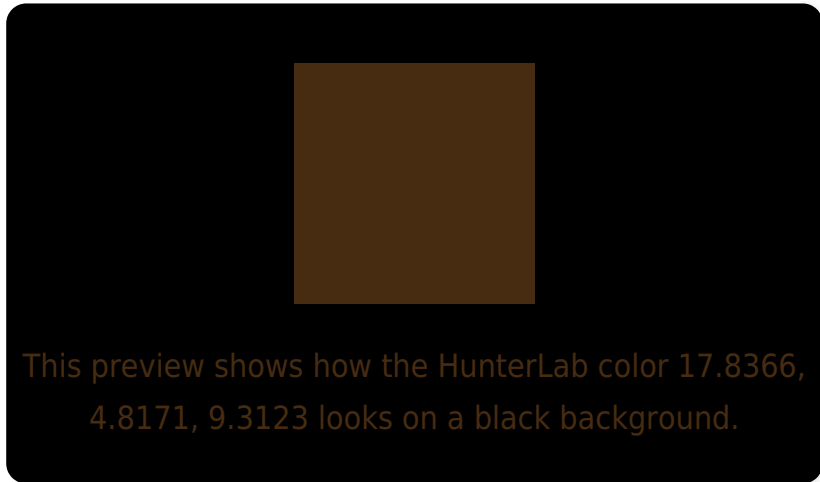
Large Text (above 18pt) WCAG AA ✓ Pass

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

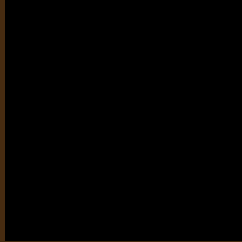
Any Text WCAG AA × Fail

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 17.8366, 4.8171, 9.3123 Background



This preview shows how black text looks on a background with the HunterLab color 17.8366, 4.8171, 9.3123.

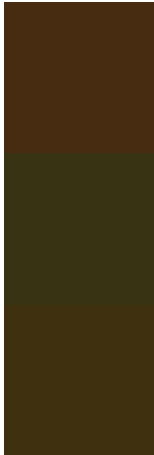


This preview shows how white text looks on a background with the HunterLab color 17.8366, 4.8171,

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

17.8366, 4.8171, 9.3123

Protanopia

18.0428, -2.5656, 9.0484

Deuteranopia

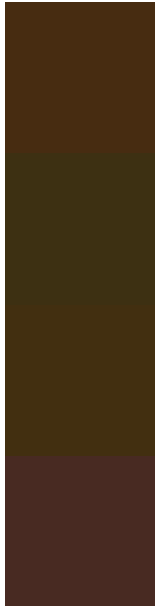
17.9111, 0.5502, 9.4237



Tritanopia

17.8443, 8.7374, 3.2311

Trichromacy



Original Color

17.8366, 4.8171, 9.3123

Protanomaly

17.7473, 0.0270, 9.0245

Deuteranomaly

17.9686, 1.9016, 9.4879

Tritanomaly

17.7458, 7.0591, 6.0022

Monochromacy



Original Color

17.8366, 4.8171, 9.3123

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.4254, 0.6235, 4.7931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8366, 4.8171, 9.3123 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, 44, 17)` looks like.

```
.text, #text, p{  
    color:rgb(71, 44, 17)  
}
```

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, 44, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 44, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8366, 4.8171, 9.3123 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, 44, 17) }
```


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

```
.border{ border-color:rgb(71, 44, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 44, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 44, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 44, 17);  
box-shadow:4px 4px 4px 4px rgb(71, 44, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8366, 4.8171, 9.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 44, 17) }
```

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

```
.background{ background-color: rgb(71, 44,  
17) }
```

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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