

Converting Colors

HunterLab(17.2372, 6.8492,
10.0013)

Have a look what the booklet for
HunterLab(17.2372, 6.8492,
10.0013) contains.

| | |
|--|----|
| HunterLab(17.1738, 6.7896, 10.0073) | 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(17.1738, 6.7896,
10.0073)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 492807 |
| RGB | 73, 40, 7 |
| RGB Percent | 29%, 16%, 3% |
| CMY | 0.7137, 0.8431, 0.9725 |
| CMYK | 0.00, 0.45, 0.90, 0.71 |
| HSL | 30°, 82%, 16% |
| HSV | 30°, 90%, 29% |
| XYZ | 3.5448, 2.9494, 0.5835 |
| YIQ | 46.1050, 30.2610, -3.2670 |

Conversions

Conversions Part 2

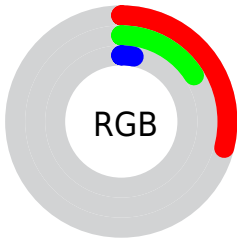
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 73, 73, 7 |
| Decimal | 4794375 |
| CIELab | 19.84, 12.57, 25.86 |
| CIELCh | 20, 28.754, 64.081 |
| Yxy | 2.9495, 0.5008, 0.4167 |
| Android (android.graphics.Color) | 4282984455 (0xFF492807) |
| YUV | 46.1050, -19.2788, 23.5869 |
| Hunter-Lab | 17.1738, 6.7896, 10.0073 |

Details

The HunterLab color **17.1738, 6.7896, 10.0073** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **14.2958, 0.5662, -17.3232**, and the grayscale version is **16.6188, -0.8867, 0.9029**.

A 20% lighter version of the original color is **33.3240, 7.7059, 14.8887**, and **4.4315, 7.6385, 2.4802** is the 20% darker color. If you saturate the color by 10%, you get **16.4585, 8.0052, 10.2818**, and if you desaturate by 10%, it is **17.9570, 5.5211, 9.7543**.

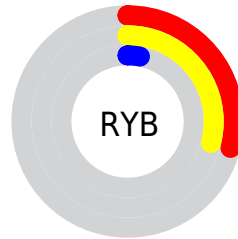
Distribution



Red (29%)

Green (16%)

Blue (3%)



Red (29%)

Yellow (29%)

Blue (3%)

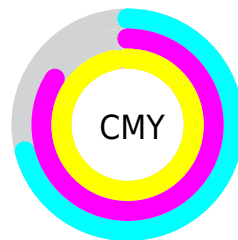


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (71%)



Cyan (71%)

Magenta (84%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1738, 6.7896, 10.0073 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 17.1738, 6.7896, 10.0073 by changing the saturation by 10% instead.

■ 17.1738, 6.7896,
10.0073

■ 17.1738, 6.7896,
10.0073

■ 112.9912, 7.6018,
29.2486

■ 10.5140, 6.1839,
7.3598

■ 33.3995, 7.5644,
14.9440

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.7617, 7.7881,
17.2229

0.0000, NaN, NaN

■ 52.8648, 7.9242,
19.3860

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.6580, 7.9839,
21.4630

0.0000, NaN, NaN

■ 75.0997, 7.9755,
23.4744


0.0000, NaN, NaN


■ 87.1550, 7.9056,

0.0000, NaN, NaN

25.4355


 99.7941, 7.7796,
27.3574

 17.1738, 6.7896,
10.0073

 17.1738, 6.7896,
10.0073

 16.4585, 8.0052,
10.2818

 17.9570, 5.5211,
9.7543

 18.7886, 4.3357,
9.3212

 19.6675, 3.2459,
8.6910

 20.5906, 2.2529,
7.8748

 21.5548, 1.3556,
6.8857

■ 22.5571, 0.5507,
5.7374

■ 23.5947, -0.1661,
4.4433

■ 24.6652, -0.8000,
3.0163

■ 25.7662, -1.3561,
1.4682

Harmonies

Analogous

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



17.1743, 14.7423, 7.5428



17.1738, 6.7896, 10.0073



17.1743, -2.0599, 10.6880

Triad

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



17.1743, 6.7885, 10.0075



17.1743, -14.3195, -0.2035



17.1743, 9.1837, -17.4590

Complementary

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



17.1738, 6.7896, 10.0073



14.2958, 0.5662, -17.3232

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.



17.1743, 0.2560, -22.7768



17.1738, 6.7896, 10.0073



17.1743, -12.4222, -10.1959

Square

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



17.1743, 6.7885, 10.0075



17.1743, -13.2376, 6.4172



17.1743, -7.4660, -19.6240



17.1743, 16.3024, -7.2994

Rectangle

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



17.1738, 6.7896, 10.0073



17.1743, -7.0645, 10.1016



17.1743, -7.4660, -19.6240



17.1743, 6.2382, -20.0481

Sweetspot

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



17.1743, 6.7885, 10.0075



29.6695, 0.4837, 7.0800



13.1211, 20.6611, -0.6244



15.2118, 0.3281, 3.7865



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



17.1743, 6.7885, 10.0075



21.0844, 11.1528, 13.1873



24.8935, -6.5025, 14.7466



12.7039, -0.4642, 1.3991



22.2173, 11.9278, 13.8990



53.1421, 33.3700, 33.3301

Inverse Universe

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



14.2958, 0.5662, -17.3232



16.9153, 2.6842, -26.9371



8.2353, 15.2012, -40.0401



12.5455, -0.8518, -0.0593



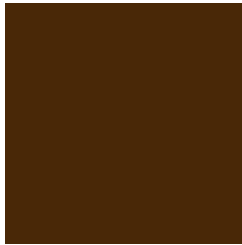
17.7960, 2.9847, -28.6867



41.7831, 11.5335, -77.1228

Previews

White Background



This preview shows how the HunterLab color 17.1738, 6.7896, 10.0073 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

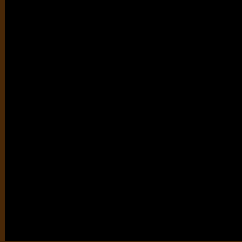
Any Text WCAG AA × Fail

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 17.1738, 6.7896, 10.0073 Background



This preview shows how black text looks on a background with the HunterLab color 17.1738, 6.7896, 10.0073.



This preview shows how white text looks on a background with the HunterLab color 17.1738, 6.7896,

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

17.1738, 6.7896, 10.0073

Protanopia

17.4028, -2.5234, 9.7988

Deuteranopia

17.2572, 0.4538, 10.6418



Tritanopia

17.1236, 10.3608, 3.7820

Trichromacy



Original Color

17.1738, 6.7896, 10.0073

Protanomaly

17.3080, 0.7272, 9.8909

Deuteranomaly

17.2226, 2.6518, 10.3624

Tritanomaly

17.1053, 8.9558, 6.8890

Monochromacy



Original Color

17.1738, 6.7896, 10.0073

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.5723, 1.0742, 5.3417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1738, 6.7896, 10.0073 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(73, 40, 7)` looks like.

```
.text, #text, p{  
    color:rgb(73, 40, 7)  
}
```

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(73, 40, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 40, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1738, 6.7896, 10.0073 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(73, 40, 7) }
```


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

```
.border{ border-color:rgb(73, 40, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 40, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 40, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 40, 7); box-shadow:4px  
4px 4px 4px rgb(73, 40, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.1738, 6.7896, 10.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 40, 7) }
```

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

```
.background{ background-color: rgb(73, 40,  
7) }
```

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