

Converting Colors

HunterLab(17.0183, 6.9010,
5.6439)

Have a look what the booklet for
HunterLab(17.0183, 6.9010, 5.6439)
contains.

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Color

**HunterLab(17.0076, 6.8394,
5.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	452821
RGB	69, 40, 33
RGB Percent	27%, 16%, 13%
CMY	0.7294, 0.8431, 0.8706
CMYK	0.00, 0.42, 0.52, 0.73
HSL	12°, 35%, 20%
HSV	12°, 52%, 27%
XYZ	3.4875, 2.8926, 1.8134
YIQ	47.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

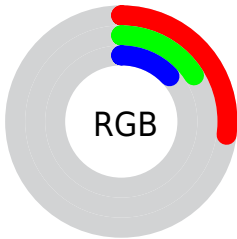
Format	Color
RYB	69, 42, 33
Decimal	4532257
CIELab	19.61, 12.66, 10.32
CIELCh	20, 16.335, 39.180
Yxy	2.8927, 0.4256, 0.3530
Android (android.graphics.Color)	4282722337 (0xFF452821)
YUV	47.8730, -7.3324, 18.5284
Hunter-Lab	17.0076, 6.8394, 5.5838

Details

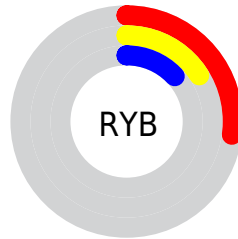
The HunterLab color **17.0076, 6.8394, 5.5838** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20.4891, -6.0272, -3.7724**, and the grayscale version is **17.1692, -0.9161, 0.9328**.

A 20% lighter version of the original color is **33.0980, 7.8515, 7.9549**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **15.8425, 8.6304, 6.2336**, and if you desaturate by 10%, it is **18.2689, 5.1136, 4.8604**.

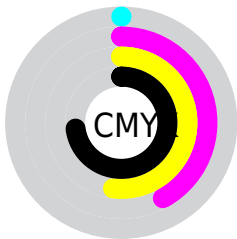
Distribution



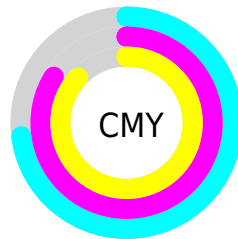
- Red (27%)
- Green (16%)
- Blue (13%)



- Red (27%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (73%)



- Cyan (73%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0076, 6.8394, 5.5838 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 17.0076, 6.8394, 5.5838 by changing the saturation by 10% instead.

■ 17.0076, 6.8394,
5.5838

■ 17.0076, 6.8394,
5.5838

112.6794, 7.7107,
16.0447

■ 10.3730, 6.2236,
4.7645

■ 33.1918, 7.6315,
8.0078

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.5362, 7.8624,
9.1661

0.0000, NaN, NaN

■ 52.6228, 8.0053,
10.3106

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4005, 8.0712,
11.4498

0.0000, NaN, NaN

■ 74.8276, 8.0687,
12.5895

0.0000, NaN, NaN

■ 86.8690, 8.0043,

0.0000, NaN, NaN

13.7335

■ 99.4949, 7.8836,
14.8846

■ 17.0076, 6.8394,
5.5838

■ 17.0076, 6.8394,
5.5838

■ 15.8425, 8.6304,
6.2336

■ 18.2689, 5.1136,
4.8604

■ 14.7853, 10.4655,
6.7871

■ 19.6133, 3.4666,
4.0803

■ 13.8506, 12.3026,
7.2195

■ 21.0310, 1.9003,
3.2572

■ 13.0470, 14.0583,
7.5808

■ 22.5135, 0.4121,
2.4013

■ 12.5056, 15.2776,
7.9733

■ 24.0533, -1.0031,
1.5198

■ 25.6441, -2.3519,
0.6180

■ 27.2809, -3.6411,
-0.3003

■ 28.9591, -4.8774,
-1.2324

■ 30.6750, -6.0668,
-2.1764

Harmonies

Analogous

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



17.0080, 9.1756, 2.2655



17.0076, 6.8394, 5.5838



17.0080, 2.4916, 7.2492

Triad

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



17.0080, 6.8385, 5.5841



17.0080, -8.6916, 3.7555



17.0080, 0.5865, -10.1974

Complementary

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



17.0076, 6.8394, 5.5838



20.4891, -6.0272, -3.7724

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.



17.0080, -4.0607, -9.4721



17.0076, 6.8394, 5.5838



17.0080, -9.0813, -0.5326

Square

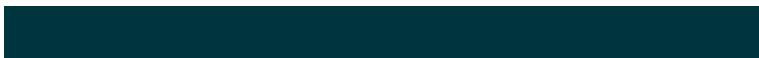
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.0080, 6.8385, 5.5841



17.0080, -6.3463, 6.4146



17.0080, -7.4770, -5.5938



17.0080, 5.3121, -7.3652

Rectangle

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



17.0076, 6.8394, 5.5838



17.0080, -0.7764, 7.5644



17.0080, -7.4770, -5.5938



17.0080, -1.0400, -10.3755

Sweetspot

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



17.0080, 6.8385, 5.5841



28.3845, 1.3867, 3.6214



16.4473, 13.3111, -6.2691



14.6836, 0.8095, 1.9352



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.



17.0080, 6.8385, 5.5841



20.1108, 12.0062, 8.3555



20.8828, -0.4592, 8.7747



12.4606, -0.0519, 1.1310



17.7637, 23.5136, 11.3575



42.5847, 61.9930, 27.3258

Inverse Universe

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



20.4891, -6.0272, -3.7724



25.5787, -8.5559, -6.4234



16.0759, 0.9259, -10.8428



12.7950, -1.2587, 0.2388



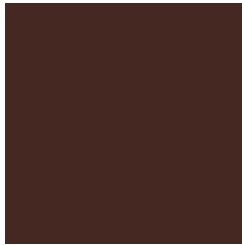
25.8120, -9.5549, -11.6365



62.7150, -22.2234, -30.4143

Previews

White Background



This preview shows how the HunterLab color 17.0076, 6.8394, 5.5838 looks on a white background.

Color Contrast Check

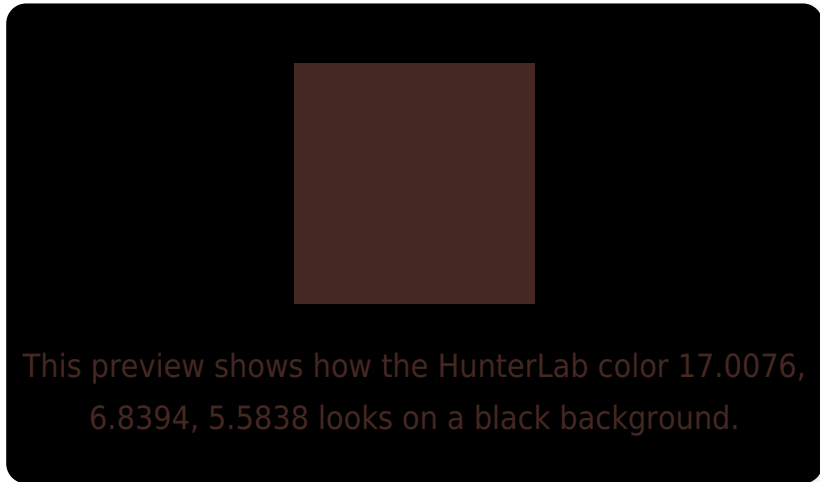
Large Text (above 18pt) WCAG AA ✓ Pass

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

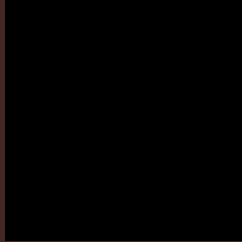
Any Text WCAG AA × Fail

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 17.0076, 6.8394, 5.5838 Background



This preview shows how black text looks on a background with the HunterLab color 17.0076, 6.8394, 5.5838.

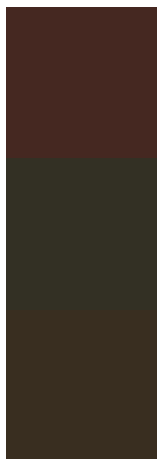


This preview shows how white text looks on a background with the HunterLab color 17.0076, 6.8394,

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

17.0076, 6.8394, 5.5838

Protanopia

17.1613, -1.5260, 4.7816

Deuteranopia

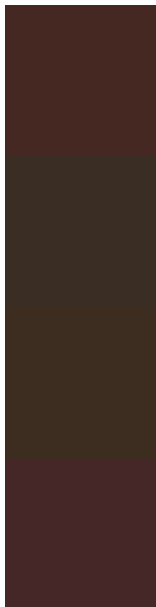
17.1118, 0.5668, 5.8194



Tritanopia

17.0889, 8.4210, 3.0776

Trichromacy



Original Color

17.0076, 6.8394, 5.5838

Protanomaly

17.0225, 1.5293, 4.9776

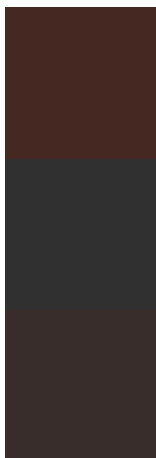
Deuteranomaly

17.0228, 2.5683, 5.7748

Tritanomaly

17.0282, 8.1215, 3.9516

Monochromacy



Original Color

17.0076, 6.8394, 5.5838

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0057, 1.7852, 2.5418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0076, 6.8394, 5.5838 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(69, 40, 33)` looks like.

```
.text, #text, p{  
    color:rgb(69, 40, 33)  
}
```

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(69, 40, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 40, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0076, 6.8394, 5.5838 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(69, 40, 33) }
```


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

```
.border{ border-color:rgb(69, 40, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 40, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 40, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 40, 33);  
box-shadow:4px 4px 4px 4px rgb(69, 40, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0076, 6.8394, 5.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 40, 33) }
```

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

```
.background{ background-color: rgb(69, 40,  
33) }
```

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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