

Converting Colors

HunterLab(16.7690, 17.7098,
7.5546)

Have a look what the booklet for
HunterLab(16.7690, 17.7098,
7.5546) contains.

HunterLab(16.6828, 17.5839, 7.5166)	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(16.6828, 17.5839,
7.5166)**

Conversions

Conversions Part 1	
Format	Color
Hex	561A18
RGB	86, 26, 24
RGB Percent	34%, 10%, 9%
CMY	0.6627, 0.8980, 0.9059
CMYK	0.00, 0.70, 0.72, 0.66
HSL	2°, 56%, 22%
HSV	2°, 72%, 34%
XYZ	4.3720, 2.7832, 1.1709
YIQ	43.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

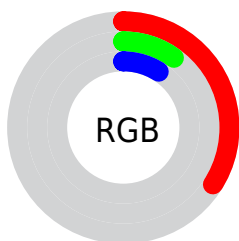
Format	Color
RYB	86, 26, 24
Decimal	5642776
CIELab	19.15, 27.62, 16.47
CIELCh	19, 32.158, 30.797
Yxy	2.7833, 0.5251, 0.3343
Android (android.graphics.Color)	4283832856 (0xFF561A18)
YUV	43.7120, -9.7180, 37.0866
Hunter-Lab	16.6828, 17.5839, 7.5166

Details

The HunterLab color **16.6828, 17.5839, 7.5166** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26.8441, -12.2244, -3.1180**, and the grayscale version is **15.7989, -0.8430, 0.8584**.

A 20% lighter version of the original color is **32.7808, 20.0157, 10.9453**, and **6.4363, 11.0564, 3.8951** is the 20% darker color. If you saturate the color by 10%, you get **15.6090, 20.0050, 8.1945**, and if you desaturate by 10%, it is **18.0243, 14.8845, 6.7301**.

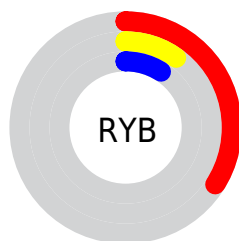
Distribution



Red (34%)

Green (10%)

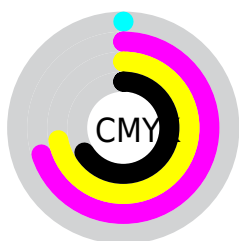
Blue (9%)



Red (34%)

Yellow (10%)

Blue (9%)

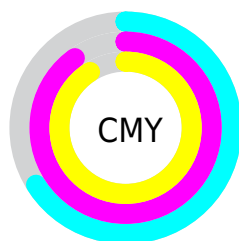


Cyan (0%)

Magenta (70%)

Yellow (72%)

Black (66%)



Cyan (66%)


Magenta (90%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.6828, 17.5839, 7.5166 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 16.6828, 17.5839, 7.5166 by changing the saturation by 10% instead.

 16.6828, 17.5839,
7.5166

 16.6828, 17.5839,
7.5166


 112.0681, 24.7437,
21.4298

 10.0979, 16.1746,
7.0685


 32.7855, 19.9788,
10.9849

0.0000, INF, NaN

0.0000, NaN, NaN


 42.0948, 20.9668,
12.5747

0.0000, NaN, NaN


 52.1488, 21.8335,
14.1104

0.0000, NaN, NaN

0.0000, NaN, NaN

 62.8960, 22.5920,
15.6095

0.0000, NaN, NaN


 74.2944, 23.2537,
17.0838


0.0000, NaN, NaN


 86.3085, 23.8279,


0.0000, NaN, NaN


18.5414


 98.9085, 24.3223,
19.9886


 16.6828, 17.5839,
7.5166


 16.6828, 17.5839,
7.5166

 15.6090, 20.0050,
8.1945

 18.0243, 14.8845,
6.7301


 14.8206, 21.9579,
8.7356

 19.6014, 12.0729,
5.8888

 14.2785, 23.3663,
9.2074

 21.3822, 9.2604,
5.0329

 23.3367, 6.5126,
4.1878

 25.4388, 3.8608,
3.3666

■ 27.6672, 1.3145,
2.5747

■ 30.0040, -1.1287,
1.8131

■ 32.4351, -3.4772,
1.0802

■ 34.9488, -5.7419,
0.3732

Harmonies

Analogous

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



16.6833, 21.2228, 1.1448



16.6828, 17.5839, 7.5166



16.6833, 8.8435, 10.4475

Triad

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



16.6833, 17.5824, 7.5169



16.6833, -13.8875, 7.2939



16.6833, -0.6397, -26.9354

Complementary

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



16.6828, 17.5839, 7.5166



26.8441, -12.2244, -3.1180

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.



16.6833, -8.8047, -22.0563



16.6828, 17.5839, 7.5166



16.6833, -15.3571, 0.6679

Square

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



16.6833, 17.5824, 7.5169



16.6833, -9.1516, 10.3364



16.6833, -13.7205, -10.4694



16.6833, 9.3747, -21.5484

Rectangle

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



16.6828, 17.5839, 7.5166



16.6833, 2.0901, 11.3602



16.6833, -13.7205, -10.4694



16.6833, -3.6765, -26.4246

Sweetspot

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



16.6833, 17.5824, 7.5169



33.4448, 5.3284, 4.5204



18.1301, 25.4026, -16.4661



16.3164, 2.8790, 2.3094



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.6833, 17.5824, 7.5169



19.7875, 28.5448, 11.3844



22.0815, 5.1578, 11.3765



14.5912, 0.2545, 1.1906



17.9085, 29.5905, 11.5532



42.1411, 71.1642, 27.2130

Inverse Universe

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



26.8441, -12.2244, -3.1180



34.9562, -17.2606, -4.8617



18.7117, -0.5594, -16.3761



15.3352, -1.7958, 0.4510



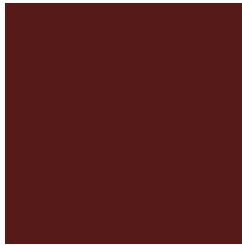
33.0026, -16.7939, -4.9971



78.0533, -39.6019, -12.0706

Previews

White Background



This preview shows how the HunterLab color 16.6828, 17.5839, 7.5166 looks on a white background.

Color Contrast Check

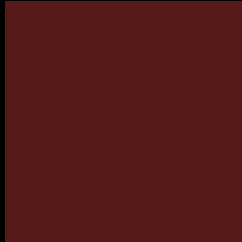
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 16.6828, 17.5839, 7.5166 looks on a 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 16.6828, 17.5839, 7.5166 Background



This preview shows how black text looks on a background with the HunterLab color 16.6828, 17.5839, 7.5166.

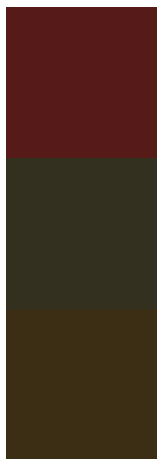


This preview shows how white text looks on a background with the HunterLab color 16.6828, 17.5839,

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

16.6828, 17.5839, 7.5166

Protanopia

17.1549, -1.7142, 6.0604

Deuteranopia

17.2196, 0.6191, 8.3427



Tritanopia

16.7223, 17.7563, 6.9386

Trichromacy



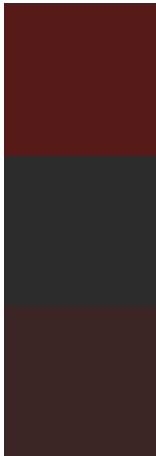
Original Color
16.6828, 17.5839, 7.5166

Protanomaly
16.4055, 4.8321, 6.2232

Deuteranomaly
16.6445, 6.4244, 7.8415

Tritanomaly
16.7087, 17.6969, 7.1378

Monochromacy



Original Color
16.6828, 17.5839, 7.5166

Achromatopsia
15.8704, -0.8468, 0.8623

Achromatomaly
15.4483, 5.3083, 2.8947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.6828, 17.5839, 7.5166 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(86, 26, 24) looks like.

```
.text, #text, p{  
    color:rgb(86, 26, 24)  
}
```

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(86, 26, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 26, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 16.6828, 17.5839, 7.5166 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(86, 26, 24) }
```


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

```
.border{ border-color:rgb(86, 26, 24) }
```

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

Here you see how a box with a 4 pixel rgb(86, 26, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 26, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 26, 24);  
box-shadow:4px 4px 4px 4px rgb(86, 26, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.6828, 17.5839, 7.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 26, 24) }
```

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

```
.background{ background-color: rgb(86, 26,  
24) }
```

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