

Converting Colors

HunterLab(42.4733, -7.8558,
17.4319)

Have a look what the booklet for
HunterLab(42.4733, -7.8558,
17.4319) contains.

HunterLab(42.3860, -7.7579, 17.4063)	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(42.3860, -7.7579,
17.4063)**

Conversions

Conversions Part 1

Format	Color
Hex	797848
RGB	121, 120, 72
RGB Percent	47%, 47%, 28%
CMY	0.5255, 0.5294, 0.7176
CMYK	0.00, 0.01, 0.40, 0.53
HSL	59°, 25%, 38%
HSV	59°, 40%, 47%
XYZ	15.7713, 17.9657, 8.7674
YIQ	114.8270, 16.0040, -14.7160

Conversions

Conversions Part 2

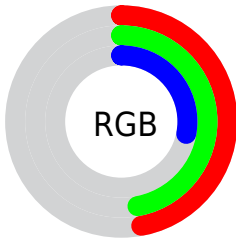
Format	Color
RYB	73, 121, 72
Decimal	7960648
CIELab	49.46, -7.38, 26.49
CIELCh	49, 27.497, 105.564
Yxy	17.9665, 0.3710, 0.4227
Android (android.graphics.Color)	4286150728 (0xFF797848)
YUV	114.8270, -21.1137, 5.4137
Hunter-Lab	42.3860, -7.7579, 17.4063

Details

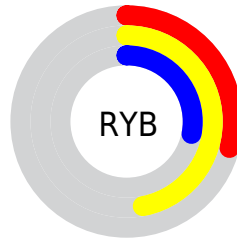
The HunterLab color $42.3860, -7.7579, 17.4063$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27.4282, 7.3580, -22.0723$, and the grayscale version is $41.4139, -2.2097, 2.2501$.

A 20% lighter version of the original color is $63.1539, -9.7310, 21.7624$, and $24.6038, -5.9566, 12.5577$ is the 20% darker color. If you saturate the color by 10%, you get $42.1482, -8.6012, 19.8266$, and if you desaturate by 10%, it is $42.6610, -6.7236, 14.4840$.

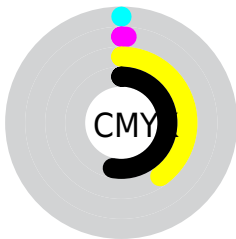
Distribution



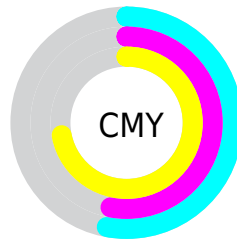
- Red (47%)
- Green (47%)
- Blue (28%)



- Red (29%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3860, -7.7579, 17.4063 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 42.3860, -7.7579, 17.4063 by changing the saturation by 10% instead.

■ 42.3860, -7.7579,
17.4063

■ 42.3860, -7.7579,
17.4063

155.1394,
-16.8849, 35.3009

■ 33.0545, -6.7996,
15.0749

■ 63.2300, -9.6950,
21.7369

■ 24.5297, -5.8367,
12.5765

■ 74.6474, -10.6784,
23.7877

■ 16.8981, -4.8574,
10.0981

■ 86.6796, -11.6748,
25.7852

■ 10.2798, -3.8409,
7.1959

■ 99.2967, -12.6856,
27.7411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.4728,
-13.7115, 29.6644

0.0000, NaN, NaN

126.1851,

0.0000, NaN, NaN

-14.7532, 31.5620

0.0000, NaN, NaN

140.4133,
-15.8109, 33.4393

■ 42.3860, -7.7579,
17.4063

■ 42.3860, -7.7579,
17.4063

■ 42.1482, -8.6012,
19.8266

■ 42.6610, -6.7236,
14.4840

■ 41.9432, -9.2563,
21.7607

■ 42.9716, -5.4897,
11.0469

■ 41.7699, -9.7337,
23.2327

■ 43.3198, -4.0552,
7.0896

■ 41.6261, -10.0457,
24.2738

■ 43.7064, -2.4193,
2.6108

■ 41.5089, -10.2077,
24.9246

■ 44.1320, -0.5832,
-2.3862

■ 41.4114, -10.2829,
25.3375

■ 44.5967, 1.4506,
-7.8943

■ 45.1010, 3.6779,
-13.9027

■ 45.6446, 6.0938,
-20.3978

■ 46.2275, 8.6921,
-27.3634

Harmonies

Analogous

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



42.3870, 3.1064, 17.4663



42.3860, -7.7579, 17.4063



42.3870, -16.2567, 14.0578

Triad

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



42.3870, -7.7592, 17.4067



42.3870, -16.0031, -14.6033



42.3870, 20.0807, -2.9883

Complementary

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



42.3860, -7.7579, 17.4063



27.4282, 7.3580, -22.0723

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.



42.3870, 13.8184, -14.2209



42.3860, -7.7579, 17.4063



42.3870, -7.3795, -21.9929

Square

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



42.3870, -7.7592, 17.4067



42.3870, -20.6770, -3.4179



42.3870, 3.5264, -21.8375



42.3870, 19.9526, 7.3307

Rectangle

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



42.3860, -7.7579, 17.4063



42.3870, -19.7584, 9.7756



42.3870, 3.5264, -21.8375



42.3870, 18.6276, -6.8291

Sweetspot

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



42.3870, -7.7592, 17.4067



57.8821, -5.7930, 10.4948



30.3139, 14.2333, 6.3831



27.6555, -2.8624, 5.2724



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



42.3870, -7.7592, 17.4067



56.4102, -11.4829, 26.4527



40.9228, -14.6551, 16.0769



21.4956, -1.9010, 3.2150



42.8670, -10.6414, 26.2281



93.5381, -23.1155, 57.2331

Inverse Universe

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



27.4282, 7.3580, -22.0723



32.0483, 13.9538, -39.9351



29.0537, 13.5073, -18.7753



19.7621, -0.2283, -1.1570



12.3878, 32.0117, -84.5878



26.7737, 71.1373, -187.0298

Previews

White Background



This preview shows how the HunterLab color 42.3860, -7.7579, 17.4063 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 × Fail

Black Background



This preview shows how the HunterLab color 42.3860, -7.7579, 17.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

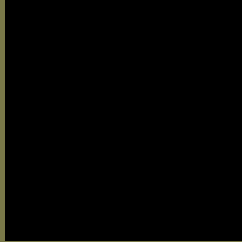
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3860, -7.7579, 17.4063 Background



This preview shows how black text looks on a background with the HunterLab color 42.3860, -7.7579, 17.4063.



This preview shows how white text looks on a background with the HunterLab color 42.3860, -7.7579,

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

42.3860, -7.7579, 17.4063

Protanopia

42.4276, -4.7549, 17.7300

Deuteranopia

42.2298, 2.9659, 16.9779



Tritanopia

42.3990, 3.0339, -0.0250

Trichromacy



Original Color

42.3860, -7.7579, 17.4063

Protanomaly

42.4365, -6.1574, 17.7127

Deuteranomaly

42.2029, -1.2552, 17.1278

Tritanomaly

42.2495, -1.2620, 7.6329

Monochromacy



Original Color

42.3860, -7.7579, 17.4063

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.7197, -4.7685, 8.8482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3860, -7.7579, 17.4063 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(121, 120, 72)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 72)  
}
```

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(121, 120, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3860, -7.7579, 17.4063 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(121, 120, 72) }
```


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

```
.border{ border-color:rgb(121, 120, 72) }
```

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

Here you see how a box with a 4 pixel rgb(121, 120, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 120, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 120, 72);  
box-shadow:4px 4px 4px 4px rgb(121, 120,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3860, -7.7579, 17.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 72) }
```

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

```
.background{ background-color: rgb(121,  
120, 72) }
```

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