

Converting Colors

HunterLab(17.3345, 3.8427,
-6.9410)

Have a look what the booklet for
HunterLab(17.3345, 3.8427, -6.9410)
contains.

HunterLab(17.2451, 3.8441, -7.0271)	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(17.2451, 3.8441,
-7.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	332D42
RGB	51, 45, 66
RGB Percent	20%, 18%, 26%
CMY	0.8000, 0.8235, 0.7412
CMYK	0.23, 0.32, 0.00, 0.74
HSL	257°, 19%, 22%
HSV	257°, 32%, 26%
XYZ	3.2870, 2.9739, 5.5550
YIQ	49.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

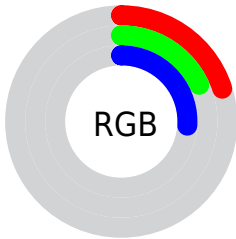
Format	Color
R_{YB}	51, 45, 66
Decimal	3353922
CIE Lab	19.94, 7.99, -12.21
CIE LCh	20, 14.594, 303.195
Yxy	2.9741, 0.2782, 0.2517
Android (android.graphics.Color)	4281544002 (0xFF332D42)
YUV	49.1880, 8.2883, 1.5891
Hunter-Lab	17.2451, 3.8441, -7.0271

Details

The HunterLab color **17.2451, 3.8441, -7.0271** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.4647, -5.2620, 7.1979**, and the grayscale version is **17.5623, -0.9371, 0.9542**.

A 20% lighter version of the original color is **33.6062, 3.9467, -7.3092**, and **3.2352, 7.5788, -13.7107** is the 20% darker color. If you saturate the color by 10%, you get **15.4690, 5.5744, -10.1261**, and if you desaturate by 10%, it is **19.0957, 2.1846, -4.1986**.

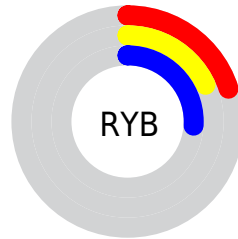
Distribution



 Red (20%)

 Green (18%)

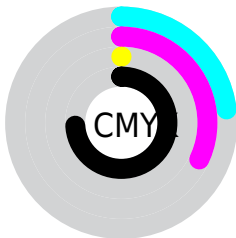
 Blue (26%)



 Red (20%)

 Yellow (18%)

 Blue (26%)

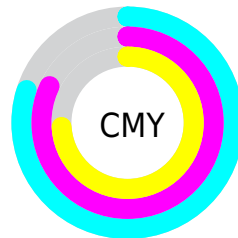


 Cyan (23%)

 Magenta (32%)

 Yellow (0%)

 Black (74%)



 Cyan (80%)

 Magenta (82%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2451, 3.8441, -7.0271 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 17.2451, 3.8441, -7.0271 by changing the saturation by 10% instead.

■ 17.2451, 3.8441,
-7.0271

■ 17.2451, 3.8441,
-7.0271

■ 113.1246, 2.5583,
-6.8710

■ 10.5745, 3.5629,
-6.6830

■ 33.4883, 4.0489,
-7.4736

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.8581, 4.0173,
-7.5758

0.0000, NaN, NaN

■ 52.9683, 3.9139,
-7.6058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.7681, 3.7471,
-7.5703

0.0000, NaN, NaN

■ 75.2160, 3.5235,
-7.4747

0.0000, NaN, NaN

■ 87.2773, 3.2482,

0.0000, NaN, NaN

-7.3237

99.9220, 2.9254,
-7.1213

17.2451, 3.8441,
-7.0271

17.2451, 3.8441,
-7.0271

15.4690, 5.5744,
-10.1261

19.0957, 2.1846,
-4.1986

13.7803, 7.3867,
-13.5558

21.0093, 0.5845,
-1.5898

12.1981, 9.2838,
-17.3740

22.9781, -0.9678,
0.8425

10.7475, 11.2481,
-21.6149

24.9958, -2.4821,
3.1328

9.4617, 13.2176,
-26.2371

27.0574, -3.9666,
5.3087

■ 8.3031, 15.3274,
-31.4209

■ 29.1588, -5.4281,
7.3920

■ 7.2826, 17.8728,
-37.1624

■ 31.2968, -6.8719,
9.4001

■ 33.4685, -8.3024,
11.3469

■ 35.6717, -9.7233,
13.2435

Harmonies

Analogous

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



17.2455, -0.4578, -8.9073



17.2451, 3.8441, -7.0271



17.2455, 7.0977, -2.9989

Triad

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



17.2455, 3.8438, -7.0267



17.2455, 2.9687, 6.5873



17.2455, -8.4253, 0.4945

Complementary

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



17.2451, 3.8441, -7.0271



22.4647, -5.2620, 7.1979

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.



17.2455, -7.6987, 4.1227



17.2451, 3.8441, -7.0271



17.2455, -1.3795, 7.0907

Square

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



17.2455, 3.8438, -7.0267



17.2455, 6.5587, 4.7140



17.2455, -5.2190, 6.3093



17.2455, -7.3098, -3.9473

Rectangle

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



17.2451, 3.8441, -7.0271



17.2455, 8.0821, -0.0197



17.2455, -5.2190, 6.3093



17.2455, -8.3881, 1.8451

Sweetspot

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



17.2455, 3.8438, -7.0267



28.0426, 0.4846, -1.6403



20.4653, -3.6810, -2.3863



14.2005, 0.3052, -0.9280



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



17.2455, 3.8438, -7.0267



20.8830, 6.8459, -12.4302



18.1016, 6.5251, -5.6141



11.4839, 0.0361, -0.4086



10.5056, 26.1884, -56.7560



25.4899, 64.8504, -147.8536

Inverse Universe

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



18.3341, 6.8675, -2.4074



22.7315, 11.7325, -4.2396



21.8007, -7.7311, 6.5459



11.6251, 0.4710, 0.1282



17.2286, 32.0138, -8.3195



42.9644, 79.5084, -18.2102

Previews

White Background



This preview shows how the HunterLab color 17.2451, 3.8441, -7.0271 looks on a white background.

Color Contrast Check

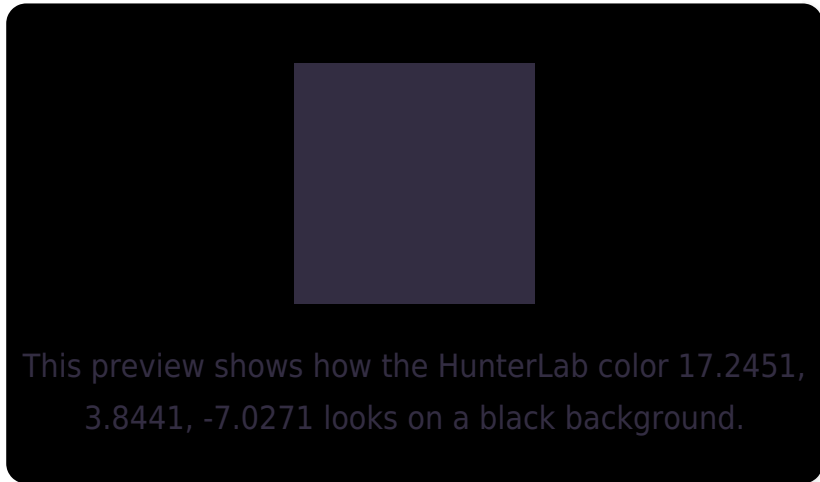
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2451, 3.8441, -7.0271 Background



This preview shows how black text looks on a background with the HunterLab color 17.2451, 3.8441, -7.0271.



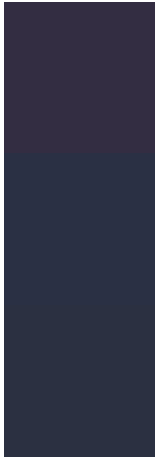
This preview shows how white text looks on a background with the HunterLab color 17.2451, 3.8441, -7.0271.

-7.0271.

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

17.2451, 3.8441, -7.0271

Protanopia

17.3882, 0.9338, -7.9167

Deuteranopia

17.3469, 0.5886, -6.3936



Tritanopia

17.2922, -0.3703, -0.4903

Trichromacy



Original Color

17.2451, 3.8441, -7.0271

Protanomaly

17.3094, 1.7985, -7.4915

Deuteranomaly

17.3076, 1.6561, -6.4380

Tritanomaly

17.2667, 1.0204, -2.6342

Monochromacy



Original Color

17.2451, 3.8441, -7.0271

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.5153, 0.5527, -1.4325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2451, 3.8441, -7.0271 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(51, 45, 66)` looks like.

```
.text, #text, p{  
    color:rgb(51, 45, 66)  
}
```

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(51, 45, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 45, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2451, 3.8441, -7.0271 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(51, 45, 66) }
```


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

```
.border{ border-color:rgb(51, 45, 66) }
```

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

Here you see how a box with a 4 pixel rgb(51, 45, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 45, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 45, 66);  
box-shadow:4px 4px 4px 4px rgb(51, 45, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2451, 3.8441, -7.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 45, 66) }
```

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

```
.background{ background-color: rgb(51, 45,  
66) }
```

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