

Converting Colors

HunterLab(23.7098, -3.8105,
2.7223)

Have a look what the booklet for
HunterLab(23.7098, -3.8105, 2.7223)
contains.

HunterLab(23.7471, -3.8843, 2.8237)	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(23.7471, -3.8843,
2.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	3E453F
RGB	62, 69, 63
RGB Percent	24%, 27%, 25%
CMY	0.7569, 0.7294, 0.7529
CMYK	0.10, 0.00, 0.09, 0.73
HSL	129°, 5%, 26%
HSV	129°, 10%, 27%
XYZ	5.0119, 5.6392, 5.5269
YIQ	66.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

Format	Color
RYB	62, 68, 69
Decimal	4080959
CIELab	28.48, -4.24, 2.64
CIELCh	28, 5.000, 148.077
Yxy	5.6395, 0.3098, 0.3486
Android (android.graphics.Color)	4282271039 (0xFF3E453F)
YUV	66.2230, -1.5889, -3.7036
Hunter-Lab	23.7471, -3.8843, 2.8237

Details

The HunterLab color **23.7471, -3.8843, 2.8237** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.6449, 1.5218, -0.3391**, and the grayscale version is **23.4255, -1.2499, 1.2727**.

A 20% lighter version of the original color is **41.3781, -5.3861, 3.8537**, and **9.7039, -2.3904, 1.6029** is the 20% darker color. If you saturate the color by 10%, you get **23.1685, -6.2606, 4.2319**, and if you desaturate by 10%, it is **24.3857, -1.3402, 1.3476**.

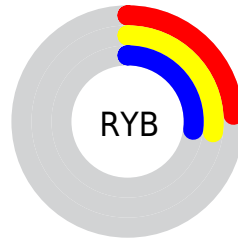
Distribution



Red (24%)

Green (27%)

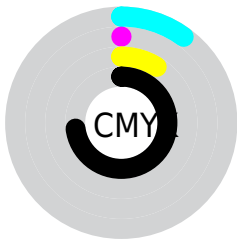
Blue (25%)



Red (24%)

Yellow (27%)

Blue (27%)

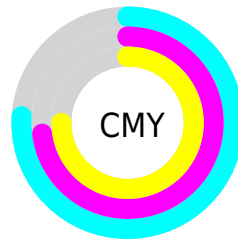


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7471, -3.8843, 2.8237 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 23.7471, -3.8843, 2.8237 by changing the saturation by 10% instead.

■ 23.7471, -3.8843,
2.8237

■ 23.7471, -3.8843,
2.8237

■ 124.8301,
-11.2848, 9.5201

■ 16.2084, -3.1545,
2.2170

■ 41.4469, -5.3857,
4.1199

■ 9.6970, -2.4439,
1.6652

■ 51.4527, -6.1643,
4.8103

0.0000, NaN, NaN

■ 62.1549, -6.9637,
5.5287

0.0000, NaN, NaN

■ 73.5108, -7.7846,
6.2747

0.0000, NaN, NaN

■ 85.4847, -8.6273,
7.0475

0.0000, NaN, NaN

■ 98.0462, -9.4916,

0.0000, NaN, NaN

111.1690,
-10.3775, 8.6708

■ 23.7471, -3.8843,
2.8237

■ 23.7471, -3.8843,
2.8237

■ 23.1685, -6.2606,
4.2319

■ 24.3857, -1.3402,
1.3476

■ 22.6500, -8.4459,
5.5585

■ 25.0808, 1.3518,
-0.1853

■ 22.1935, -10.4206,
6.7912

■ 25.8305, 4.1704,
-1.7634

■ 21.7994, -12.1668,
7.9178

■ 26.6321, 7.0959,
-3.3764

■ 21.4675, -13.6705,
8.9276

■ 27.4833, 10.1107,
-5.0155

■ 21.1969, -14.9228,
9.8119

■ 28.3811, 13.1992,
-6.6730

■ 20.9853, -15.9214,
10.5645

■ 29.3232, 16.3474,
-8.3427

■ 20.8250, -16.6907,
11.1793

■ 30.3068, 19.5438,
-10.0192

■ 20.6835, -17.3632,
11.6297

■ 31.3296, 22.7783,
-11.6984

Harmonies

Analogous

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



23.7476, -2.7337, 3.7888



23.7471, -3.8843, 2.8237



23.7476, -4.3371, 1.3930

Triad

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



23.7476, -3.8848, 2.8240



23.7476, -1.3740, -1.9034



23.7476, 1.5770, 2.6610

Complementary

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



23.7471, -3.8843, 2.8237



22.6449, 1.5218, -0.3391

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.



23.7476, 1.9645, 1.1918



23.7471, -3.8843, 2.8237



23.7476, 0.2334, -1.5079

Square

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



23.7476, -3.8848, 2.8240



23.7476, -2.9121, -1.3956



23.7476, 1.4665, -0.3481



23.7476, 0.4213, 3.6993

Rectangle

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



23.7471, -3.8843, 2.8237



23.7476, -4.1910, 0.3433



23.7476, 1.4665, -0.3481



23.7476, 1.8028, 2.2043

Sweetspot

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



23.7476, -3.8848, 2.8240



31.4317, -2.7456, 2.3297



24.1571, -2.4742, 3.6565



16.3321, -1.5274, 1.2694



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.



23.7476, -3.8848, 2.8240



30.6745, -5.7882, 4.1046



23.8309, -3.4204, 1.6333



12.8865, -1.8980, 1.4084



30.0690, -25.4010, 17.2499



74.1737, -63.0910, 43.4846

Inverse Universe

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



22.6449, 1.5218, -0.3391



28.9172, 2.8308, -0.9372



22.5549, 1.0382, 0.9422



12.3783, 0.5938, -0.0496



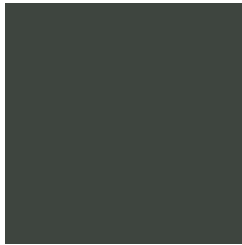
18.2697, 34.8984, -16.1868



44.9907, 85.7581, -38.4475

Previews

White Background



This preview shows how the HunterLab color 23.7471, -3.8843, 2.8237 looks on a white background.

Color Contrast Check

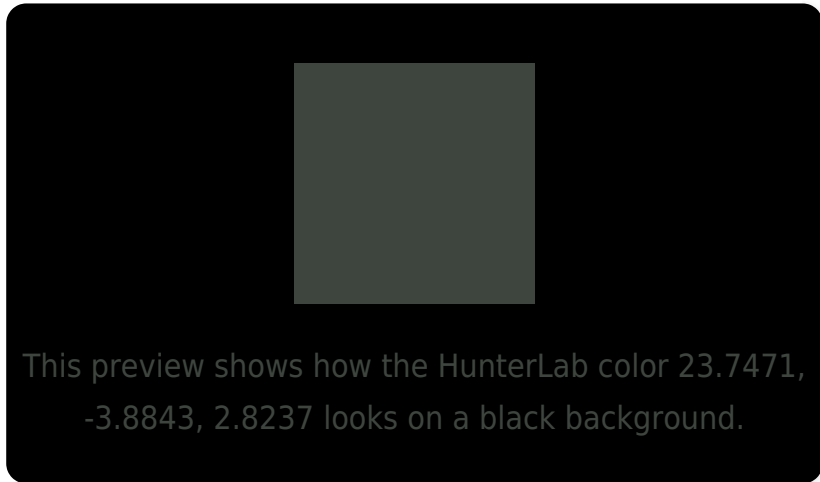
Large Text (above 18pt) WCAG AA ✓ Pass

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

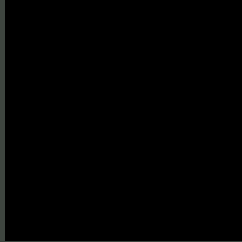
Any Text WCAG AA × Fail

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 23.7471, -3.8843, 2.8237 Background



This preview shows how black text looks on a background with the HunterLab color 23.7471, -3.8843, 2.8237.



This preview shows how white text looks on a background with the HunterLab color 23.7471, -3.8843,

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

23.7471, -3.8843, 2.8237

Protanopia

23.7996, -1.1302, 3.2918

Deuteranopia

23.7626, 1.3631, 2.5638



Tritanopia

23.8857, -1.5644, -0.9555

Trichromacy



Original Color

23.7471, -3.8843, 2.8237

Protanomaly

23.8230, -2.3429, 3.2962

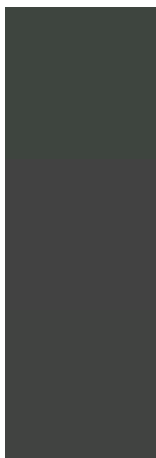
Deuteranomaly

23.5981, -0.4545, 2.3462

Tritanomaly

23.7080, -2.4038, 0.4863

Monochromacy



Original Color

23.7471, -3.8843, 2.8237

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.4942, -2.0535, 1.8205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7471, -3.8843, 2.8237 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(62, 69, 63)` looks like.

```
.text, #text, p{  
    color:rgb(62, 69, 63)  
}
```

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(62, 69, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 69, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7471, -3.8843, 2.8237 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(62, 69, 63) }
```


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

```
.border{ border-color:rgb(62, 69, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 69, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 69, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 69, 63);  
box-shadow:4px 4px 4px 4px rgb(62, 69, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7471, -3.8843, 2.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 69, 63) }
```

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

```
.background{ background-color: rgb(62, 69,  
63) }
```

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