

Converting Colors

HunterLab(23.4251, -2.7817,
4.6134)

Have a look what the booklet for
HunterLab(23.4251, -2.7817, 4.6134)
contains.

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Color

**HunterLab(23.3837, -2.8115,
4.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	424339
RGB	66, 67, 57
RGB Percent	26%, 26%, 22%
CMY	0.7412, 0.7372, 0.7765
CMYK	0.01, 0.00, 0.15, 0.74
HSL	66°, 8%, 24%
HSV	66°, 15%, 26%
XYZ	4.9924, 5.4680, 4.6632
YIQ	65.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

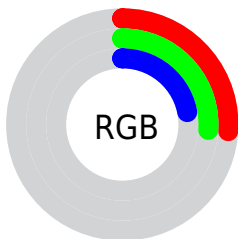
Format	Color
R_{YB}	57, 67, 58
Decimal	4342585
CIE Lab	28.03, -2.53, 5.94
CIE LCh	28, 6.452, 113.046
Yxy	5.4682, 0.3301, 0.3616
Android (android.graphics.Color)	4282532665 (0xFF424339)
YUV	65.5610, -4.2206, 0.3850
Hunter-Lab	23.3837, -2.8115, 4.5449

Details

The HunterLab color **23.3837, -2.8115, 4.5449** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.5699, 0.6348, -2.6206**, and the grayscale version is **23.2015, -1.2380, 1.2606**.

A 20% lighter version of the original color is **41.0346, -4.0861, 6.2906**, and **9.3764, -1.5104, 3.1241** is the 20% darker color. If you saturate the color by 10%, you get **23.2003, -3.7364, 6.4316**, and if you desaturate by 10%, it is **23.5860, -1.7972, 2.4210**.

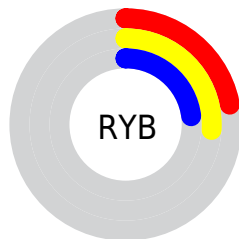
Distribution



Red (26%)

Green (26%)

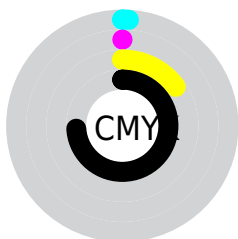
Blue (22%)



Red (22%)

Yellow (26%)

Blue (23%)

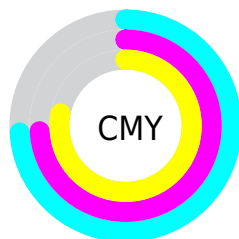


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3837, -2.8115, 4.5449 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 23.3837, -2.8115, 4.5449 by changing the saturation by 10% instead.

■ 23.3837, -2.8115,
4.5449

■ 23.3837, -2.8115,
4.5449

■ 124.1972, -9.3853,
12.7831

■ 15.8887, -2.2174,
3.6744

■ 41.0090, -4.0832,
6.2782

■ 9.4280, -1.6710,
3.1237

■ 50.9820, -4.7609,
7.1578

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6535, -5.4662,
8.0516

0.0000, NaN, NaN

■ 72.9804, -6.1986,
8.9617

0.0000, NaN, NaN

■ 84.9269, -6.9573,
9.8893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.4623, -7.7418,

10.8352

0.0000, NaN, NaN

110.5601, -8.5514,
11.7997

■ 23.3837, -2.8115,
4.5449

■ 23.3837, -2.8115,
4.5449

■ 23.2003, -3.7364,
6.4316

■ 23.5860, -1.7972,
2.4210

■ 23.0339, -4.5700,
8.0806

■ 23.8060, -0.6926,
0.0600

■ 22.8846, -5.3133,
9.4950

■ 24.0441, 0.5002,
-2.5350

■ 22.7519, -5.9678,
10.6793

■ 24.3006, 1.7792,
-5.3599

■ 22.6353, -6.5357,
11.6406

■ 24.5755, 3.1419,
-8.4092

■ 22.5337, -7.0203,
12.3885

■ 24.8685, 4.5856,
-11.6765

■ 22.4464, -7.4261,
12.9353

■ 25.1797, 6.1071,
-15.1545

■ 22.3662, -7.7937,
13.3867

■ 25.5089, 7.7030,
-18.8352

■ 22.3256, -7.9804,
13.6172

■ 25.8558, 9.3698,
-22.7099

Harmonies

Analogous

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



23.3842, -0.7570, 4.7806



23.3837, -2.8115, 4.5449



23.3842, -4.3956, 3.4708

Triad

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



23.3842, -2.8121, 4.5452



23.3842, -3.6323, -2.0169



23.3842, 2.9049, 0.8020

Complementary

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



23.3837, -2.8115, 4.5449



20.5699, 0.6348, -2.6206

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.



23.3842, 2.0734, -1.1615



23.3837, -2.8115, 4.5449



23.3842, -1.7369, -2.8797

Square

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



23.3842, -2.8121, 4.5452



23.3842, -4.8573, -0.2848



23.3842, 0.3563, -2.5536



23.3842, 2.5924, 2.7302

Rectangle

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



23.3837, -2.8115, 4.5449



23.3842, -4.9952, 2.3678



23.3842, 0.3563, -2.5536



23.3842, 2.7490, 0.1223

Sweetspot

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



23.3842, -2.8121, 4.5452



30.6452, -2.2282, 2.9203



21.2485, 1.1766, 2.3125



15.5922, -1.1626, 1.5467



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.



23.3842, -2.8121, 4.5452



30.2684, -4.1224, 6.8712



23.0263, -4.0913, 4.1497



12.2853, -1.1339, 1.6756



32.5063, -11.7795, 19.8240



81.2854, -30.0334, 49.5619

Inverse Universe

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



20.5699, 0.6348, -2.6206



25.6997, 1.4846, -4.7921



20.9485, 1.9084, -2.0883



11.4429, -0.1044, -0.4631



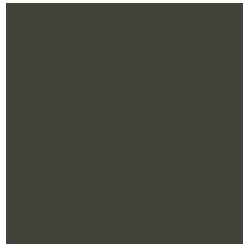
9.6116, 25.4199, -63.2441



23.6210, 63.3271, -162.0622

Previews

White Background



This preview shows how the HunterLab color 23.3837, -2.8115, 4.5449 looks on a white background.

Color Contrast Check

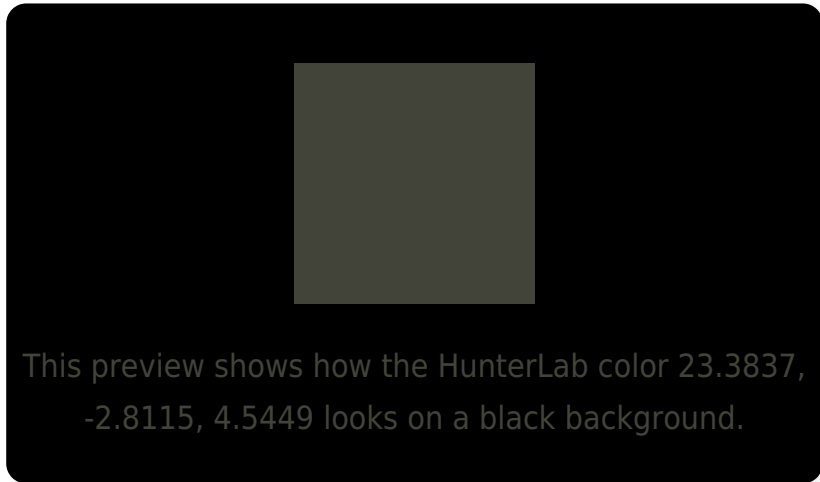
Large Text (above 18pt) WCAG AA ✓ Pass

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

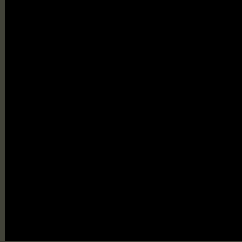
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

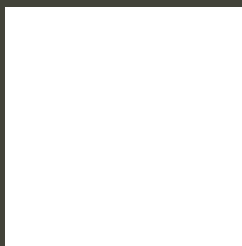
Any Text WCAG AAA × Fail

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

HunterLab 23.3837, -2.8115, 4.5449 Background



This preview shows how black text looks on a background with the HunterLab color 23.3837, -2.8115, 4.5449.

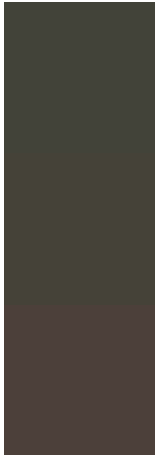


This preview shows how white text looks on a background with the HunterLab color 23.3837, -2.8115,

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

23.3837, -2.8115, 4.5449

Protanopia

23.3392, -1.7138, 4.8470

Deuteranopia

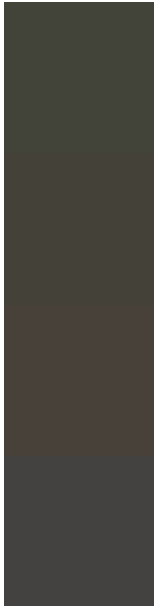
23.4708, 1.3449, 4.3741



Tritanopia

23.3489, 0.2664, -0.3214

Trichromacy



Original Color

23.3837, -2.8115, 4.5449

Protanomaly

23.2613, -1.9866, 4.7625

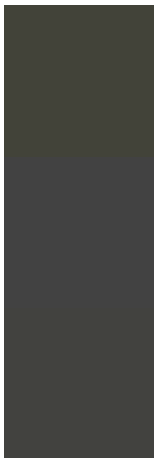
Deuteranomaly

23.3748, -0.2303, 4.2458

Tritanomaly

23.3910, -1.1218, 1.7175

Monochromacy



Original Color

23.3837, -2.8115, 4.5449

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.2671, -1.6512, 2.3247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3837, -2.8115, 4.5449 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(66, 67, 57)` looks like.

```
.text, #text, p{  
    color:rgb(66, 67, 57)  
}
```

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(66, 67, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 67, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3837, -2.8115, 4.5449 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(66, 67, 57) }
```


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

```
.border{ border-color:rgb(66, 67, 57) }
```

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

Here you see how a box with a 4 pixel rgb(66, 67, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 67, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 67, 57);  
box-shadow:4px 4px 4px 4px rgb(66, 67, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3837, -2.8115, 4.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 67, 57) }
```

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

```
.background{ background-color: rgb(66, 67,  
57) }
```

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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