

Converting Colors

HunterLab(23.7750, -3.7501,
2.5585)

Have a look what the booklet for
HunterLab(23.7750, -3.7501, 2.5585)
contains.

HunterLab(23.7709, -3.7516, 2.4836)	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(23.7709, -3.7516,
2.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4540
RGB	62, 69, 64
RGB Percent	24%, 27%, 25%
CMY	0.7569, 0.7294, 0.7490
CMYK	0.10, 0.00, 0.07, 0.73
HSL	137°, 5%, 26%
HSV	137°, 10%, 27%
XYZ	5.0402, 5.6506, 5.6755
YIQ	66.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

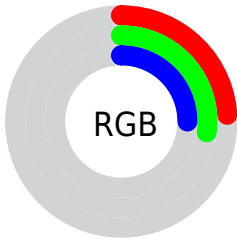
Format	Color
RYB	62, 67, 69
Decimal	4080960
CIELab	28.51, -4.02, 2.04
CIELCh	29, 4.507, 153.125
Yxy	5.6508, 0.3080, 0.3453
Android (android.graphics.Color)	4282271040 (0xFF3E4540)
YUV	66.3370, -1.1521, -3.8035
Hunter-Lab	23.7709, -3.7516, 2.4836

Details

The HunterLab color **23.7709, -3.7516, 2.4836** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.6183, 1.3783, 0.0409**, and the grayscale version is **23.4640, -1.2520, 1.2748**.

A 20% lighter version of the original color is **41.4049, -5.2375, 3.4710**, and **9.7234, -2.2800, 1.3231** is the 20% darker color. If you saturate the color by 10%, you get **23.2122, -6.0122, 3.6044**, and if you desaturate by 10%, it is **24.3862, -1.3380, 1.3423**.

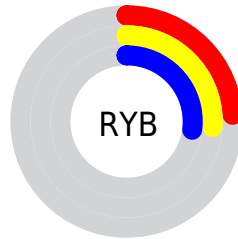
Distribution



Red (24%)

Green (27%)

Blue (25%)



Red (24%)

Yellow (26%)

Blue (27%)

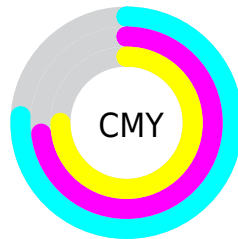


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7709, -3.7516, 2.4836 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 23.7709, -3.7516, 2.4836 by changing the saturation by 10% instead.

■ 23.7709, -3.7516,
2.4836

■ 23.7709, -3.7516,
2.4836

124.8715,
-11.0461, 8.9030

■ 16.2294, -3.0394,
1.9231

■ 41.4755, -5.2234,
3.7022

■ 9.7147, -2.3435,
1.4063

■ 51.4835, -5.9890,
4.3587

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.1877, -6.7763,
5.0456

0.0000, NaN, NaN

■ 73.5454, -7.5859,
5.7620

0.0000, NaN, NaN

■ 85.5211, -8.4179,
6.5068

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.0843, -9.2720,

111.2088,
-10.1482, 8.0781

■ 23.7709, -3.7516,
2.4836

■ 23.7709, -3.7516,
2.4836

■ 23.2122, -6.0122,
3.6044

■ 24.3862, -1.3380,
1.3423

■ 22.7099, -8.0993,
4.6945

■ 25.0546, 1.2109,
0.1876

■ 22.2658, -9.9956,
5.7446

■ 25.7747, 3.8762,
-0.9727

■ 21.8801, -11.6852,
6.7446

■ 26.5440, 6.6405,
-2.1326

■ 21.5527, -13.1555,
7.6848

■ 27.3604, 9.4878,
-3.2869

■ 21.2827, -14.3983,
8.5559

■ 28.2213, 12.4039,
-4.4315

■ 21.0681, -15.4109,
9.3496

■ 29.1243, 15.3764,
-5.5632

■ 20.9014, -16.2162,
10.0553

■ 30.0672, 18.3943,
-6.6796

■ 20.7508, -16.9425,
10.6373

■ 31.0478, 21.4486,
-7.7793

Harmonies

Analogous

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



23.7714, -2.8030, 3.4487



23.7709, -3.7516, 2.4836



23.7714, -4.0415, 1.1461

Triad

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



23.7714, -3.7521, 2.4839



23.7714, -1.1145, -1.5671



23.7714, 1.1577, 2.7245

Complementary

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



23.7709, -3.7516, 2.4836



22.6183, 1.3783, 0.0409

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.



23.7714, 1.6354, 1.4409



23.7709, -3.7516, 2.4836



23.7714, 0.3035, -1.0835

Square

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



23.7714, -3.7521, 2.4839



23.7714, -2.5408, -1.2463



23.7714, 1.3190, 0.0390



23.7714, 0.0288, 3.5815

Rectangle

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



23.7709, -3.7516, 2.4836



23.7714, -3.8274, 0.2074



23.7714, 1.3190, 0.0390



23.7714, 1.4010, 2.3315

Sweetspot

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



23.7714, -3.7521, 2.4839



31.4417, -2.6907, 2.1874



24.0795, -2.7486, 3.5677



16.3383, -1.4938, 1.1822



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.



23.7714, -3.7521, 2.4839



30.7118, -5.5790, 3.5699



23.8573, -3.2733, 1.2563



12.8976, -1.8365, 1.2503



30.1579, -24.8446, 15.9376



74.3576, -61.9387, 40.7674

Inverse Universe

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



22.6183, 1.3783, 0.0409



28.8739, 2.6003, -0.3237



22.5284, 0.8953, 1.3207



12.3660, 0.5281, 0.1241



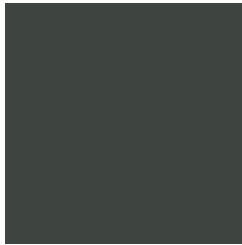
17.7018, 32.8877, -8.5062



43.5151, 80.5254, -18.4266

Previews

White Background



This preview shows how the HunterLab color 23.7709, -3.7516, 2.4836 looks on a white background.

Color Contrast Check

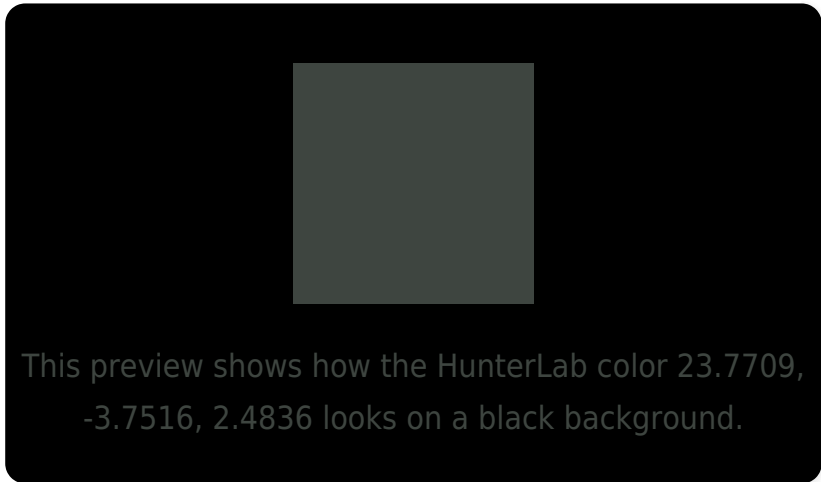
Large Text (above 18pt) WCAG AA ✓ Pass

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

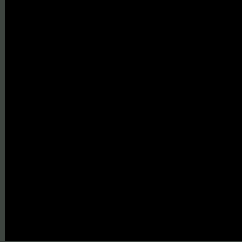
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

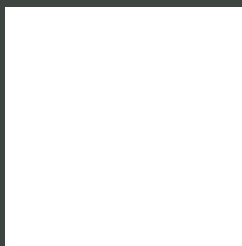
Any Text WCAG AAA × Fail

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

HunterLab 23.7709, -3.7516, 2.4836 Background



This preview shows how black text looks on a background with the HunterLab color 23.7709, -3.7516, 2.4836.



This preview shows how white text looks on a background with the HunterLab color 23.7709, -3.7516,

2.4836.

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

23.7709, -3.7516, 2.4836

Protanopia

23.7453, -1.2722, 2.8674

Deuteranopia

23.7025, 1.2090, 2.1169



Tritanopia

23.8161, -1.8079, -1.0484

Trichromacy



Original Color

23.7709, -3.7516, 2.4836

Protanomaly

23.7726, -2.4739, 2.8767

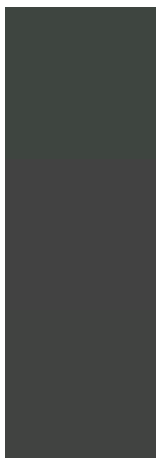
Deuteranomaly

23.6224, -0.3221, 1.9983

Tritanomaly

23.7344, -2.2580, 0.1108

Monochromacy



Original Color

23.7709, -3.7516, 2.4836

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 23.7709, -3.7516, 2.4836 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(62, 69, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 69, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7709, -3.7516, 2.4836 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, 64) }
```


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

```
.border{ border-color:rgb(62, 69, 64) }
```

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, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 69, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 69, 64);  
box-shadow:4px 4px 4px 4px rgb(62, 69, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7709, -3.7516, 2.4836 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, 64) }
```

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

```
.background{ background-color: rgb(62, 69,  
64) }
```

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