

Converting Colors

HunterLab(23.7147, -0.0362,
2.3882)

Have a look what the booklet for
HunterLab(23.7147, -0.0362, 2.3882)
contains.

HunterLab(23.6774, -0.1817, 2.4407)	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(23.6774, -0.1817,
2.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	474240
RGB	71, 66, 64
RGB Percent	28%, 26%, 25%
CMY	0.7216, 0.7412, 0.7490
CMYK	0.00, 0.07, 0.10, 0.72
HSL	17°, 5%, 26%
HSV	17°, 10%, 28%
XYZ	5.4722, 5.6062, 5.6442
YIQ	67.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

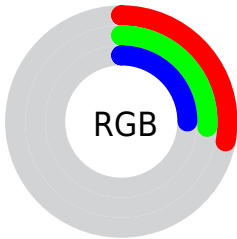
Format	Color
R_YB	71, 67, 64
Decimal	4670016
CIE Lab	28.40, 1.70, 1.97
CIE LCh	28, 2.607, 49.205
Yxy	5.6064, 0.3272, 0.3353
Android (android.graphics.Color)	4282860096 (0xFF474240)
YUV	67.2670, -1.6106, 3.2738
Hunter-Lab	23.6774, -0.1817, 2.4407

Details

The HunterLab color **23.6774, -0.1817, 2.4407** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.0854, -2.2791, 0.1268**, and the grayscale version is **23.7902, -1.2694, 1.2926**.

A 20% lighter version of the original color is **41.3841, -1.0391, 3.5206**, and **9.5791, 0.5683, 1.2144** is the 20% darker color. If you saturate the color by 10%, you get **22.2806, 1.0639, 3.4817**, and if you desaturate by 10%, it is **25.1226, -1.3555, 1.3481**.

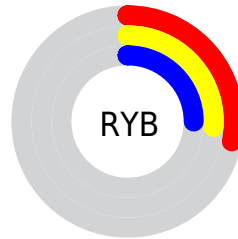
Distribution



Red (28%)

Green (26%)

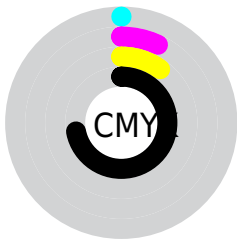
Blue (25%)



Red (28%)

Yellow (26%)

Blue (25%)

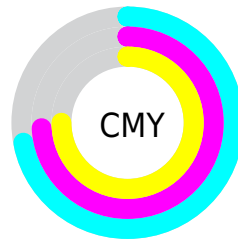


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (72%)



Cyan (72%)

Magenta (74%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6774, -0.1817, 2.4407 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 23.6774, -0.1817, 2.4407 by changing the saturation by 10% instead.

■ 23.6774, -0.1817,
2.4407

■ 23.6774, -0.1817,
2.4407

■ 124.7089, -4.7889,
8.8281

■ 16.1471, 0.0927,
1.8855

■ 41.3630, -0.9093,
3.6504

■ 9.6453, 0.2930,
1.3781

■ 51.3625, -1.3473,
4.3030

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0588, -1.8286,
4.9863

0.0000, NaN, NaN

■ 73.4092, -2.3501,
5.6992

0.0000, NaN, NaN

■ 85.3778, -2.9089,
6.4407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9343, -3.5028,

7.2100

0.0000, NaN, NaN

111.0524, -4.1301,
8.0060

■ 23.6774, -0.1817,
2.4407

■ 23.6774, -0.1817,
2.4407

■ 22.2806, 1.0639,
3.4817

■ 25.1226, -1.3555,
1.3481

■ 20.9360, 2.3895,
4.4605

■ 26.6102, -2.4620,
0.2103

■ 19.6503, 3.7993,
5.3656

■ 28.1366, -3.5084,
-0.9662

■ 18.4306, 5.2959,
6.1827

■ 29.6986, -4.5009,
-2.1764

■ 17.2852, 6.8773,
6.8945

■ 31.2931, -5.4452,
-3.4166

■ 16.2229, 8.5353,
7.4813

■ 32.9177, -6.3463,
-4.6835

■ 15.2538, 10.2513,
7.9221

■ 34.5701, -7.2090,
-5.9745

■ 14.3864, 11.9864,
8.2225

■ 36.2485, -8.0374,
-7.2876

■ 13.6138, 13.6212,
8.6147

■ 37.9511, -8.8351,
-8.6209

Harmonies

Analogous

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



23.6779, 0.3059, 1.7969



23.6774, -0.1817, 2.4407



23.6779, -0.9564, 2.7724

Triad

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



23.6779, -0.1823, 2.4411



23.6779, -2.8560, 1.5795



23.6779, -0.7221, -0.2341

Complementary

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



23.6774, -0.1817, 2.4407



24.0854, -2.2791, 0.1268

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.



23.6779, -1.5714, -0.2973



23.6774, -0.1817, 2.4407



23.6779, -2.7953, 0.7693

Square

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



23.6779, -0.1823, 2.4411



23.6779, -2.4949, 2.2868



23.6779, -2.3279, 0.0757



23.6779, -0.0088, 0.2455

Rectangle

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



23.6774, -0.1817, 2.4407



23.6779, -1.5267, 2.7794



23.6779, -2.3279, 0.0757



23.6779, -1.0014, -0.3054

Sweetspot

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



23.6779, -0.1823, 2.4411



32.0489, -1.2755, 2.2227



23.3160, 1.3546, 0.0668



16.1444, -0.6024, 1.1633



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.



23.6779, -0.1823, 2.4411



30.3088, 0.1759, 3.5340



24.5475, -1.6408, 3.3816



12.5331, -0.1756, 1.2114



18.7865, 20.5271, 11.9355



44.8225, 55.1561, 28.5850

Inverse Universe

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



24.0854, -2.2791, 0.1268



30.9770, -3.2634, -0.2614



23.2060, -0.8288, -0.9458



12.7200, -1.1372, 0.1498



23.2765, -6.0105, -16.1186



56.0407, -12.7421, -42.5395

Previews

White Background



This preview shows how the HunterLab color 23.6774, -0.1817, 2.4407 looks on a white background.

Color Contrast Check

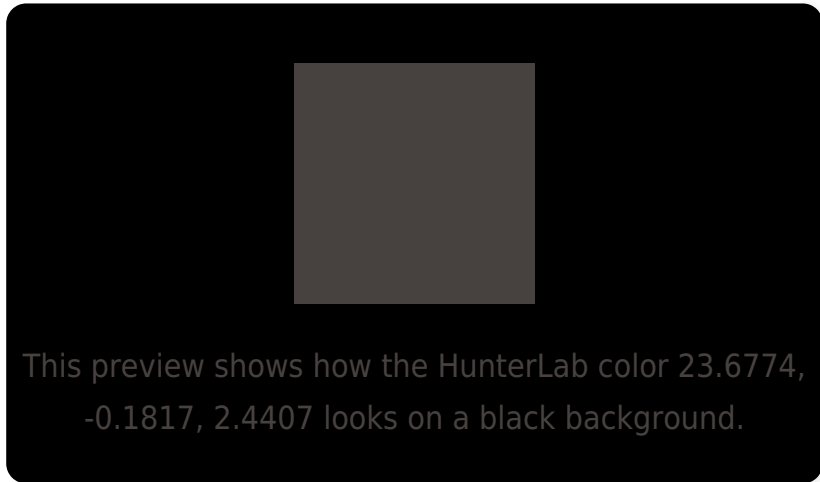
Large Text (above 18pt) WCAG AA ✓ Pass

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

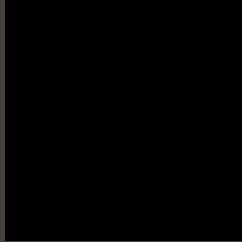
Any Text WCAG AA × Fail

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 23.6774, -0.1817, 2.4407 Background



This preview shows how black text looks on a background with the HunterLab color 23.6774, -0.1817, 2.4407.



This preview shows how white text looks on a background with the HunterLab color 23.6774, -0.1817,

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

23.6774, -0.1817, 2.4407

Protanopia

23.7691, -1.1422, 2.5272

Deuteranopia

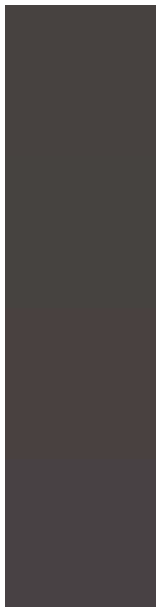
23.6783, 1.0786, 2.4638



Tritanopia

23.6654, 1.3394, 0.0891

Trichromacy



Original Color

23.6774, -0.1817, 2.4407

Protanomaly

23.8465, -0.8736, 2.6190

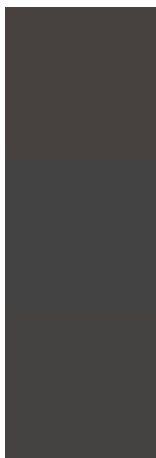
Deuteranomaly

23.5950, 0.7966, 2.3646

Tritanomaly

23.6128, 1.0571, 0.8368

Monochromacy



Original Color

23.6774, -0.1817, 2.4407

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.7415, -1.1402, 1.7377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6774, -0.1817, 2.4407 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(71, 66, 64)` looks like.

```
.text, #text, p{  
    color:rgb(71, 66, 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(71, 66, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 66, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6774, -0.1817, 2.4407 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(71, 66, 64) }
```


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

```
.border{ border-color:rgb(71, 66, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 66, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 66, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 66, 64);  
box-shadow:4px 4px 4px 4px rgb(71, 66, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6774, -0.1817, 2.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 66, 64) }
```

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

```
.background{ background-color: rgb(71, 66,  
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