

Converting Colors

HunterLab(23.4764, -8.0009,
10.1422)

Have a look what the booklet for
HunterLab(23.4764, -8.0009,
10.1422) contains.

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Color

**HunterLab(23.5874, -8.1674,
10.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4724
RGB	59, 71, 36
RGB Percent	23%, 28%, 14%
CMY	0.7686, 0.7216, 0.8588
CMYK	0.17, 0.00, 0.49, 0.72
HSL	81°, 33%, 21%
HSV	81°, 49%, 28%
XYZ	4.3753, 5.5637, 2.5123
YIQ	63.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

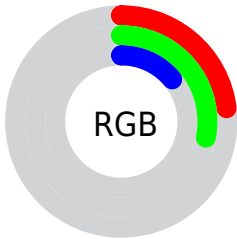
Format	Color
RYB	36, 71, 48
Decimal	3884836
CIELab	28.28, -11.68, 19.41
CIElCh	28, 22.658, 121.042
Yxy	5.5639, 0.3514, 0.4468
Android (android.graphics.Color)	4282074916 (0xFF3B4724)
YUV	63.4220, -13.5190, -3.8781
Hunter-Lab	23.5874, -8.1674, 10.1961

Details

The HunterLab color **23.5874, -8.1674, 10.1961** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.3140, 8.0208, -13.5040**, and the grayscale version is **22.4866, -1.1998, 1.2217**.

A 20% lighter version of the original color is **41.1261, -10.5750, 13.9338**, and **9.6544, -5.5751, 5.8514** is the 20% darker color. If you saturate the color by 10%, you get **23.3497, -9.2393, 11.2910**, and if you desaturate by 10%, it is **23.8492, -6.9884, 8.8674**.

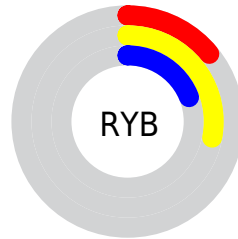
Distribution



Red (23%)

Green (28%)

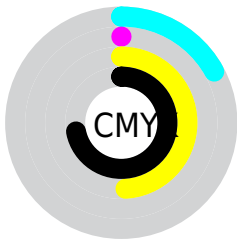
Blue (14%)



Red (14%)

Yellow (28%)

Blue (19%)

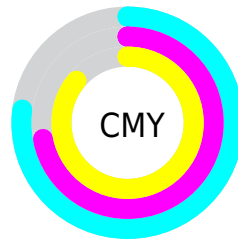


Cyan (17%)

Magenta (0%)

Yellow (49%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5874, -8.1674, 10.1961 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 23.5874, -8.1674, 10.1961 by changing the saturation by 10% instead.

■ 23.5874, -8.1674,
10.1961

■ 23.5874, -8.1674,
10.1961

■ 124.5522,
-19.1928, 25.3576

■ 16.0679, -6.8265,
8.1231

■ 41.2545, -10.6894,
13.9321

■ 9.5787, -5.8334,
6.7051

■ 51.2460, -11.9119,
15.6682

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9347, -13.1237,
17.3503

0.0000, NaN, NaN

■ 73.2779, -14.3314,
18.9936

0.0000, NaN, NaN

■ 85.2398, -15.5393,
20.6091

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.7898, -16.7508,

110.9017,
-17.9680, 23.7858

23.5874, -8.1674,
10.1961

23.5874, -8.1674,
10.1961

23.3497, -9.2393,
11.2910

23.8492, -6.9884,
8.8674

23.1339, -10.2022,
12.1568

24.1337, -5.7015,
7.3018

22.9399, -11.0583,
12.8025

24.4417, -4.3097,
5.4996

22.7659, -11.8156,
13.2530

24.7732, -2.8160,
3.4633

22.6010, -12.5376,
13.6695

25.1282, -1.2242,
1.1969

■ 22.5896, -12.5878,
13.6992

■ 25.5064, 0.4613,
-1.2936

■ 25.9076, 2.2359,
-4.0013

■ 26.3315, 4.0945,
-6.9179

■ 26.7775, 6.0321,
-10.0347

Harmonies

Analogous

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



23.5879, -1.5184, 11.2145



23.5874, -8.1674, 10.1961



23.5879, -12.4790, 6.9499

Triad

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



23.5879, -8.1680, 10.1963



23.5879, -7.7710, -13.9245



23.5879, 14.7471, 1.5291

Complementary

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



23.5874, -8.1674, 10.1961



15.3140, 8.0208, -13.5040

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.



23.5879, 12.5495, -6.2682



23.5874, -8.1674, 10.1961



23.5879, -1.0002, -16.6902

Square

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



23.5879, -8.1680, 10.1963



23.5879, -12.2705, -6.8311



23.5879, 6.5480, -13.5351



23.5879, 12.2345, 7.2595

Rectangle

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



23.5874, -8.1674, 10.1961



23.5879, -13.7511, 3.2989



23.5879, 6.5480, -13.5351



23.5879, 14.5327, -0.9261

Sweetspot

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



23.5879, -8.1680, 10.1963



31.9377, -4.8977, 6.2031



18.8517, 4.5103, 6.4458



16.1209, -2.5653, 3.2567



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.



23.5879, -8.1680, 10.1963



30.3030, -12.2746, 14.9295



22.6337, -11.8495, 9.3670



13.0265, -1.4225, 1.7401



31.8511, -18.1480, 19.3088



78.3023, -46.1325, 47.4419

Inverse Universe

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



15.3140, 8.0208, -13.5040



17.2604, 13.7178, -23.7472



16.8711, 12.3674, -10.3383



12.2262, 0.1022, -0.4425



11.1861, 27.2868, -55.7961



26.7496, 66.5318, -143.3504

Previews

White Background



This preview shows how the HunterLab color 23.5874, -8.1674, 10.1961 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

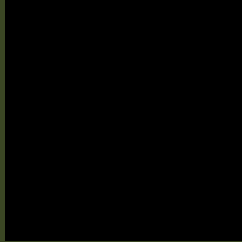
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

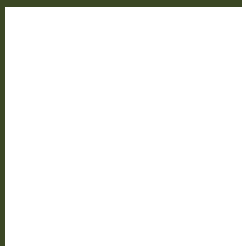
Any Text WCAG AAA × Fail

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

HunterLab 23.5874, -8.1674, 10.1961 Background



This preview shows how black text looks on a background with the HunterLab color 23.5874, -8.1674, 10.1961.



This preview shows how white text looks on a background with the HunterLab color 23.5874, -8.1674, 10.1961.

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

23.5874, -8.1674, 10.1961

Protanopia

23.6464, -2.6217, 10.5379

Deuteranopia

23.5713, 0.9804, 9.9292



Tritanopia

23.6055, -1.2985, -0.8762

Trichromacy



Original Color

23.5874, -8.1674, 10.1961

Protanomaly

23.4964, -4.4656, 10.3878

Deuteranomaly

23.5889, -2.7734, 10.0876

Tritanomaly

23.3969, -3.9951, 3.8618

Monochromacy



Original Color

23.5874, -8.1674, 10.1961

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.7543, -3.9118, 5.1764

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5874, -8.1674, 10.1961 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(59, 71, 36)` looks like.

```
.text, #text, p{  
    color:rgb(59, 71, 36)  
}
```

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(59, 71, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 71, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5874, -8.1674, 10.1961 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(59, 71, 36) }
```


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

```
.border{ border-color:rgb(59, 71, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 71, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 71, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 71, 36);  
box-shadow:4px 4px 4px 4px rgb(59, 71, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5874, -8.1674, 10.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 71, 36) }
```

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

```
.background{ background-color: rgb(59, 71,  
36) }
```

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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