

Converting Colors

HunterLab(24.7364, 2.0436,
-3.6073)

Have a look what the booklet for
HunterLab(24.7364, 2.0436, -3.6073)
contains.

HunterLab(24.7887, 1.9851, -3.3099)	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(24.7887, 1.9851,
-3.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	494451
RGB	73, 68, 81
RGB Percent	29%, 27%, 32%
CMY	0.7137, 0.7333, 0.6824
CMYK	0.10, 0.16, 0.00, 0.68
HSL	263°, 9%, 29%
HSV	263°, 16%, 32%
XYZ	6.3000, 6.1448, 8.6386
YIQ	70.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

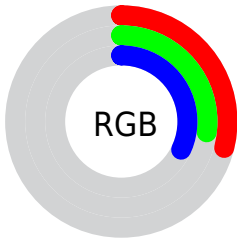
Format	Color
R_{YB}	73, 68, 81
Decimal	4801617
CIE Lab	29.78, 5.04, -7.02
CIE LCh	30, 8.641, 305.712
Yxy	6.1451, 0.2988, 0.2915
Android (android.graphics.Color)	4282991697 (0xFF494451)
YUV	70.9770, 4.9413, 1.7742
Hunter-Lab	24.7887, 1.9851, -3.3099

Details

The HunterLab color **24.7887, 1.9851, -3.3099** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27.9980, -4.5817, 5.5903**, and the grayscale version is **25.0775, -1.3381, 1.3625**.

A 20% lighter version of the original color is **42.7084, 1.7482, -2.9713**, and **10.4108, 1.8889, -3.0573** is the 20% darker color. If you saturate the color by 10%, you get **22.4612, 4.2503, -6.6341**, and if you desaturate by 10%, it is **27.1958, -0.2211, -0.2175**.

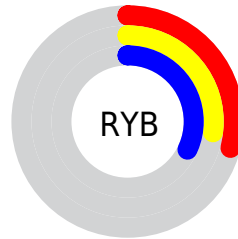
Distribution



Red (29%)

Green (27%)

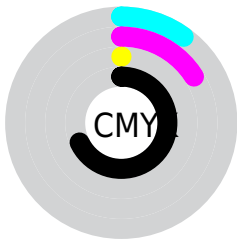
Blue (32%)



Red (29%)

Yellow (27%)

Blue (32%)

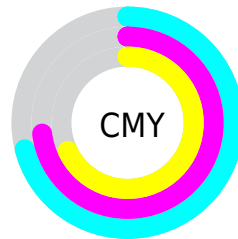


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (68%)



Cyan (71%)

Magenta (73%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7887, 1.9851, -3.3099 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 24.7887, 1.9851, -3.3099 by changing the saturation by 10% instead.

■ 24.7887, 1.9851,
-3.3099

■ 24.7887, 1.9851,
-3.3099

■ 126.6325, -1.1606,
-0.6802

■ 17.1274, 2.0309,
-3.2864

■ 42.6982, 1.6550,
-3.1151

■ 10.4743, 1.9724,
-3.1648

■ 52.7967, 1.3944,
-2.9177

0.0000, INF, -NF

■ 63.5855, 1.0796,
-2.6629

0.0000, NaN, NaN

■ 75.0231, 0.7157,
-2.3560

0.0000, NaN, NaN

■ 87.0745, 0.3067,
-2.0011

0.0000, NaN, NaN

■ 99.7099, -0.1440,

0.0000, NaN, NaN

-1.6016

0.0000, NaN, NaN

112.9034, -0.6339,
-1.1605

■ 24.7887, 1.9851,
-3.3099

■ 24.7887, 1.9851,
-3.3099

■ 22.4612, 4.2503,
-6.6341

■ 27.1958, -0.2211,
-0.2175

■ 20.2242, 6.5866,
-10.2445

■ 29.6712, -2.3777,
2.6860

■ 18.0948, 9.0005,
-14.2001

■ 32.2077, -4.4950,
5.4370

■ 16.0947, 11.4888,
-18.5588

■ 34.7992, -6.5816,
8.0645

■ 14.2526, 14.0233,
-23.3559

■ 37.4406, -8.6446,
10.5917

■ 12.6059, 16.5259,
-28.5571

■ 40.1279, -10.6899,
13.0374

■ 11.2004, 18.8330,
-33.9774

■ 42.8575, -12.7224,
15.4164

■ 9.9444, 21.2080,
-39.9145

■ 45.6266, -14.7460,
17.7409

■ 9.4220, 22.4406,
-42.7884

■ 48.4327, -16.7638,
20.0207

Harmonies

Analogous

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



24.7892, -0.7717, -4.4716



24.7887, 1.9851, -3.3099



24.7892, 3.9164, -0.9116

Triad

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



24.7892, 1.9846, -3.3094



24.7892, 0.9901, 5.6783



24.7892, -6.5862, 0.8205

Complementary

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



24.7887, 1.9851, -3.3099



27.9980, -4.5817, 5.5903

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.



24.7892, -6.1623, 3.4156



24.7887, 1.9851, -3.3099



24.7892, -1.8716, 6.0306

Square

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



24.7892, 1.9846, -3.3094



24.7892, 3.3241, 4.2257



24.7892, -4.4677, 5.2492



24.7892, -5.6531, -1.9192

Rectangle

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



24.7887, 1.9851, -3.3099



24.7892, 4.4304, 0.9531



24.7892, -4.4677, 5.2492



24.7892, -6.5972, 1.7392

Sweetspot

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



24.7892, 1.9846, -3.3094



35.7513, -0.5371, 0.0571



26.4470, -2.7157, -1.2031



18.1412, -0.2149, -0.0513



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7892, 1.9846, -3.3094



31.2256, 3.6443, -5.8418



25.3213, 3.7460, -2.5595



13.7188, 0.1888, -0.5307



12.1077, 29.0820, -56.8829



28.2219, 68.9845, -141.8677

Inverse Universe

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



25.3094, 3.4215, -0.3628



32.0703, 5.9381, -1.0021



27.5437, -6.2260, 5.0906



13.8604, 0.5923, 0.2542



18.3035, 33.3890, -4.0155



43.7511, 79.4447, -6.7642

Previews

White Background



This preview shows how the HunterLab color 24.7887, 1.9851, -3.3099 looks on a white background.

Color Contrast Check

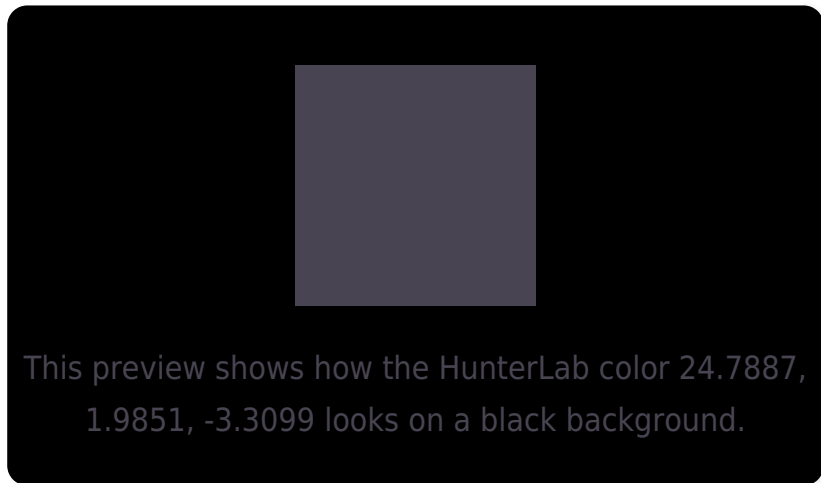
Large Text (above 18pt) WCAG AA ✓ Pass

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

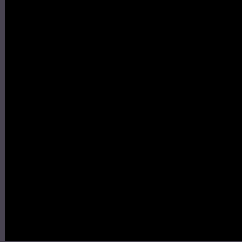
Any Text WCAG AA × Fail

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 24.7887, 1.9851, -3.3099 Background



This preview shows how black text looks on a background with the HunterLab color 24.7887, 1.9851, -3.3099.



This preview shows how white text looks on a background with the HunterLab color 24.7887, 1.9851, -3.3099.

-3.3099.

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

24.7887, 1.9851, -3.3099

Protanopia

24.9368, 0.0037, -3.6136

Deuteranopia

24.7104, 1.7228, -3.4217



Tritanopia

24.7830, 0.3535, -0.6477

Trichromacy



Original Color

24.7887, 1.9851, -3.3099

Protanomaly

24.8345, 0.9365, -3.7385

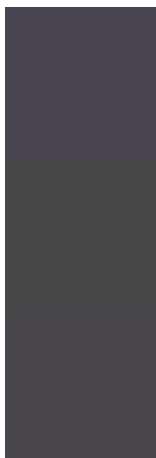
Deuteranomaly

24.7104, 1.7228, -3.4217

Tritanomaly

24.8390, 0.6565, -1.4421

Monochromacy



Original Color

24.7887, 1.9851, -3.3099

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.0320, -0.0751, -0.3433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7887, 1.9851, -3.3099 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(73, 68, 81)` looks like.

```
.text, #text, p{  
    color:rgb(73, 68, 81)  
}
```

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(73, 68, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 68, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7887, 1.9851, -3.3099 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(73, 68, 81) }
```


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

```
.border{ border-color:rgb(73, 68, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 68, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 68, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 68, 81);  
box-shadow:4px 4px 4px 4px rgb(73, 68, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.7887, 1.9851, -3.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 68, 81) }
```

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

```
.background{ background-color: rgb(73, 68,  
81) }
```

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