

Converting Colors

HunterLab(24.8871, 0.1188,
1.1739)

Have a look what the booklet for
HunterLab(24.8871, 0.1188, 1.1739)
contains.

HunterLab(24.8335, 0.3119, 1.0753)	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(24.8335, 0.3119,
1.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4547
RGB	74, 69, 71
RGB Percent	29%, 27%, 28%
CMY	0.7098, 0.7294, 0.7216
CMYK	0.00, 0.07, 0.04, 0.71
HSL	336°, 3%, 28%
HSV	336°, 7%, 29%
XYZ	6.0895, 6.1670, 6.8306
YIQ	70.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

Format	Color
R_YB	74, 69, 71
Decimal	4867399
CIE Lab	29.83, 2.53, -0.45
CIE LCh	30, 2.567, 349.881
Yxy	6.1673, 0.3190, 0.3231
Android (android.graphics.Color)	4283057479 (0xFF4A4547)
YUV	70.7230, 0.1366, 2.8739
Hunter-Lab	24.8335, 0.3119, 1.0753

Details

The HunterLab color **24.8335, 0.3119, 1.0753** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.7504, -2.9657, 1.6982**, and the grayscale version is **25.0031, -1.3341, 1.3585**.

A 20% lighter version of the original color is **42.7381, -0.1999, 2.1195**, and **10.4816, 0.6354, 0.2555** is the 20% darker color. If you saturate the color by 10%, you get **22.9302, 2.8820, 0.6282**, and if you desaturate by 10%, it is **26.8224, -2.2084, 1.5990**.

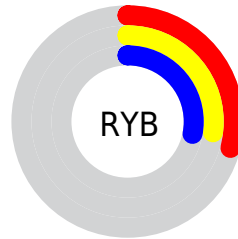
Distribution



Red (29%)

Green (27%)

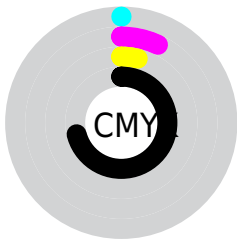
Blue (28%)



Red (29%)

Yellow (27%)

Blue (28%)

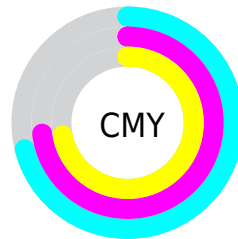


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.8335, 0.3119, 1.0753 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 24.8335, 0.3119, 1.0753 by changing the saturation by 10% instead.

■ 24.8335, 0.3119,
1.0753

■ 24.8335, 0.3119,
1.0753

■ 126.7097, -3.9721,
6.4237

■ 17.1670, 0.5363,
0.6900

■ 42.7519, -0.3283,
1.9968

■ 10.5079, 0.6804,
0.3638

■ 52.8543, -0.7270,
2.5227

0.0000, INF, -NF

■ 63.6468, -1.1716,
3.0877

0.0000, NaN, NaN

■ 75.0879, -1.6581,
3.6892

0.0000, NaN, NaN

■ 87.1426, -2.1837,
4.3252

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

99.7811, -2.7459,

4.9940

0.0000, NaN, NaN

112.9777, -3.3426,
5.6939

■ 24.8335, 0.3119,
1.0753

■ 24.8335, 0.3119,
1.0753

■ 22.9302, 2.8820,
0.6282

■ 26.8224, -2.2084,
1.5990

■ 21.1237, 5.4991,
0.2732

■ 28.8848, -4.6780,
2.1848

■ 19.4301, 8.1481,
0.0318

■ 31.0126, -7.1014,
2.8226

■ 17.8680, 10.7976,
-0.0715

■ 33.1989, -9.4840,
3.5040

■ 16.4590, 13.3915,
-0.0088

■ 35.4378, -11.8310,
4.2227

■ 15.2274, 15.8400,
0.2465

■ 37.7244, -14.1479,
4.9734

■ 14.1973, 18.0173,
0.7133

■ 40.0546, -16.4394,
5.7520

■ 13.3895, 19.7732,
1.3926

■ 42.4250, -18.7101,
6.5552

■ 12.6771, 21.4345,
2.1148

■ 44.8325, -20.9638,
7.3803

Harmonies

Analogous

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



24.8340, -0.0579, 0.3238



24.8335, 0.3119, 1.0753



24.8340, 0.2371, 1.8773

Triad

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



24.8340, 0.3113, 1.0757



24.8340, -1.8825, 2.7767



24.8340, -2.3759, 0.1271

Complementary

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



24.8335, 0.3119, 1.0753



25.7504, -2.9657, 1.6982

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.



24.8340, -2.8522, 0.8146



24.8335, 0.3119, 1.0753



24.8340, -2.5700, 2.3376

Square

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



24.8340, 0.3113, 1.0757



24.8340, -1.0372, 2.8412



24.8340, -2.9227, 1.6247



24.8340, -1.6143, -0.2360

Rectangle

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



24.8335, 0.3119, 1.0753



24.8340, -0.0534, 2.3329



24.8340, -2.9227, 1.6247



24.8340, -2.5743, 0.3290

Sweetspot

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



24.8340, 0.3113, 1.0757



33.9899, -1.1527, 1.7314



24.7561, 0.2045, -0.2579



17.0979, -0.6178, 0.8775



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



24.8340, 0.3113, 1.0757



32.3765, 0.9351, 1.3206



24.9075, -0.1772, 1.9417



13.0860, 0.4325, 0.5255



17.2724, 30.4976, 4.0443



41.8436, 73.4950, 12.8017

Inverse Universe

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



24.8340, 0.3113, 1.0757



32.3765, 0.9351, 1.3206



25.6726, -2.4725, 0.8139



13.0860, 0.4325, 0.5255



17.2724, 30.4976, 4.0443



41.8436, 73.4950, 12.8017

Previews

White Background



This preview shows how the HunterLab color 24.8335, 0.3119, 1.0753 looks on a white background.

Color Contrast Check

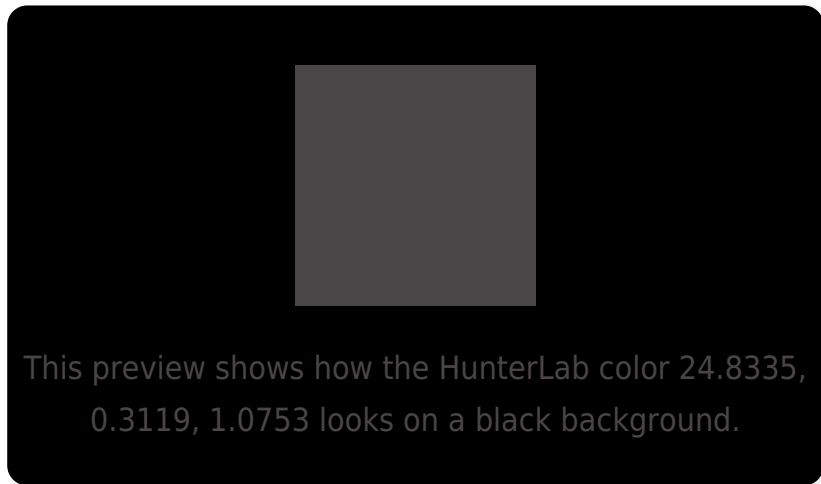
Large Text (above 18pt) WCAG AA ✓ Pass

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

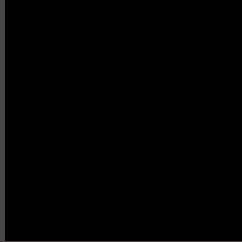
Any Text WCAG AA × Fail

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 24.8335, 0.3119, 1.0753 Background



This preview shows how black text looks on a background with the HunterLab color 24.8335, 0.3119, 1.0753.



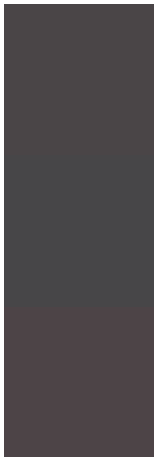
This preview shows how white text looks on a background with the HunterLab color 24.8335, 0.3119,

1.0753.

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

24.8335, 0.3119, 1.0753

Protanopia

24.8753, -0.7755, 0.7015

Deuteranopia

24.8334, 1.5740, 1.0972



Tritanopia

24.9129, 0.7408, -0.0542

Trichromacy



Original Color

24.8335, 0.3119, 1.0753

Protanomaly

24.9518, -0.5114, 0.7981

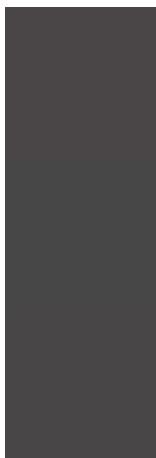
Deuteranomaly

24.7501, 1.2937, 0.9931

Tritanomaly

24.8860, 0.5958, 0.3276

Monochromacy



Original Color

24.8335, 0.3119, 1.0753

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

24.9258, -0.6529, 1.1680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.8335, 0.3119, 1.0753 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(74, 69, 71)` looks like.

```
.text, #text, p{  
    color:rgb(74, 69, 71)  
}
```

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(74, 69, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 69, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 24.8335, 0.3119, 1.0753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

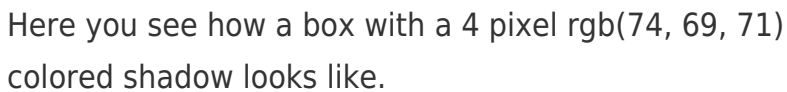
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 69, 71) }
```


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

```
.border{ border-color:rgb(74, 69, 71) }
```

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



Here you see how a box with a 4 pixel `rgb(74, 69, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 69, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 69, 71);  
box-shadow:4px 4px 4px 4px rgb(74, 69, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.8335, 0.3119, 1.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 69, 71) }
```

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

```
.background{ background-color: rgb(74, 69,  
71) }
```

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