

Converting Colors

HunterLab(24.5607, -4.0983,
3.1685)

Have a look what the booklet for
HunterLab(24.5607, -4.0983, 3.1685)
contains.

HunterLab(24.4502, -3.9363, 2.8700)	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(24.4502, -3.9363,
2.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	404741
RGB	64, 71, 65
RGB Percent	25%, 28%, 25%
CMY	0.7490, 0.7216, 0.7451
CMYK	0.10, 0.00, 0.08, 0.72
HSL	129°, 5%, 26%
HSV	129°, 10%, 28%
XYZ	5.3217, 5.9781, 5.8745
YIQ	68.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

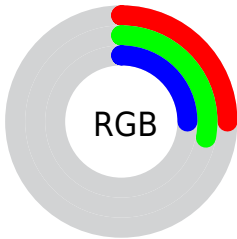
Format	Color
RYB	64, 70, 71
Decimal	4212545
CIELab	29.36, -4.22, 2.63
CIElCh	29, 4.975, 148.093
Yxy	5.9784, 0.3099, 0.3481
Android (android.graphics.Color)	4282402625 (0xFF404741)
YUV	68.2230, -1.5889, -3.7036
Hunter-Lab	24.4502, -3.9363, 2.8700

Details

The HunterLab color **24.4502, -3.9363, 2.8700** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.3425, 1.4969, -0.3086**, and the grayscale version is **24.1277, -1.2874, 1.3109**.

A 20% lighter version of the original color is **42.2264, -5.1634, 3.9933**, and **10.3099, -2.4467, 1.6484** is the 20% darker color. If you saturate the color by 10%, you get **23.8506, -6.3971, 4.3276**, and if you desaturate by 10%, it is **25.1121, -1.3017, 1.3422**.

Distribution



Red (25%)

Green (28%)

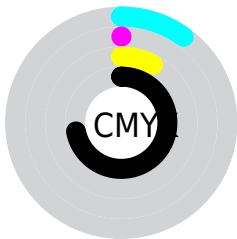
Blue (25%)



Red (25%)

Yellow (27%)

Blue (28%)

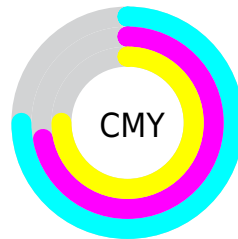


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4502, -3.9363, 2.8700 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 24.4502, -3.9363, 2.8700 by changing the saturation by 10% instead.

■ 24.4502, -3.9363,
2.8700

■ 24.4502, -3.9363,
2.8700

■ 126.0486,
-11.3433, 9.5811

■ 16.8284, -3.2074,
2.2622

■ 42.2921, -5.4380,
4.1693

■ 10.2207, -2.4795,
1.6776

■ 52.3607, -6.2172,
4.8614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1216, -7.0174,
5.5815

0.0000, NaN, NaN

■ 74.5328, -7.8392,
6.3292

0.0000, NaN, NaN

■ 86.5592, -8.6828,
7.1036

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1708, -9.5481,

112.3415,
-10.4350, 8.7302

■ 24.4502, -3.9363,
2.8700

■ 24.4502, -3.9363,
2.8700

■ 23.8506, -6.3971,
4.3276

■ 25.1121, -1.3017,
1.3422

■ 23.3136, -8.6599,
5.7006

■ 25.8325, 1.4859,
-0.2442

■ 22.8408, -10.7042,
6.9763

■ 26.6095, 4.4043,
-1.8772

■ 22.4329, -12.5114,
8.1419

■ 27.4405, 7.4330,
-3.5461

■ 22.0896, -14.0666,
9.1862

■ 28.3227, 10.5538,
-5.2417

■ 21.8099, -15.3607,
10.1001

■ 29.2534, 13.7503,
-6.9561

■ 21.5916, -16.3913,
10.8773

■ 30.2298, 17.0083,
-8.6828

■ 21.4278, -17.1781,
11.5122

■ 31.2492, 20.3156,
-10.4163

■ 21.2832, -17.8667,
11.9836

■ 32.3092, 23.6620,
-12.1524

Harmonies

Analogous

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



24.4507, -2.7795, 3.8424



24.4502, -3.9363, 2.8700



24.4507, -4.3914, 1.4310

Triad

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



24.4507, -3.9368, 2.8704



24.4507, -1.4113, -1.8757



24.4507, 1.5512, 2.7076

Complementary

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



24.4502, -3.9363, 2.8700



23.3425, 1.4969, -0.3086

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.



24.4507, 1.9406, 1.2304



24.4502, -3.9363, 2.8700



24.4507, 0.2034, -1.4789

Square

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



24.4507, -3.9368, 2.8704



24.4507, -2.9575, -1.3672



24.4507, 1.4411, -0.3156



24.4507, 0.3906, 3.7528

Rectangle

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



24.4502, -3.9363, 2.8700



24.4507, -4.2442, 0.3767



24.4507, 1.4411, -0.3156



24.4507, 1.7780, 2.2482

Sweetspot

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



24.4507, -3.9368, 2.8704



32.3643, -2.8312, 2.4012



24.8627, -2.5186, 3.7090



16.3321, -1.5274, 1.2694



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.



24.4507, -3.9368, 2.8704



31.5819, -5.9754, 4.2354



24.5345, -3.4699, 1.6726



12.8865, -1.8980, 1.4084



30.0690, -25.4010, 17.2498



74.1737, -63.0909, 43.4843

Inverse Universe

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



23.3425, 1.4969, -0.3086



29.7655, 2.9327, -0.9753



23.2521, 1.0111, 0.9779



12.3783, 0.5938, -0.0496



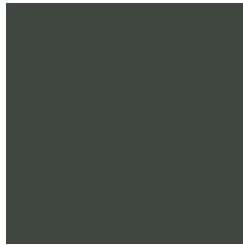
18.2696, 34.8982, -16.1858



44.9905, 85.7573, -38.4446

Previews

White Background



This preview shows how the HunterLab color 24.4502, -3.9363, 2.8700 looks on a white background.

Color Contrast Check

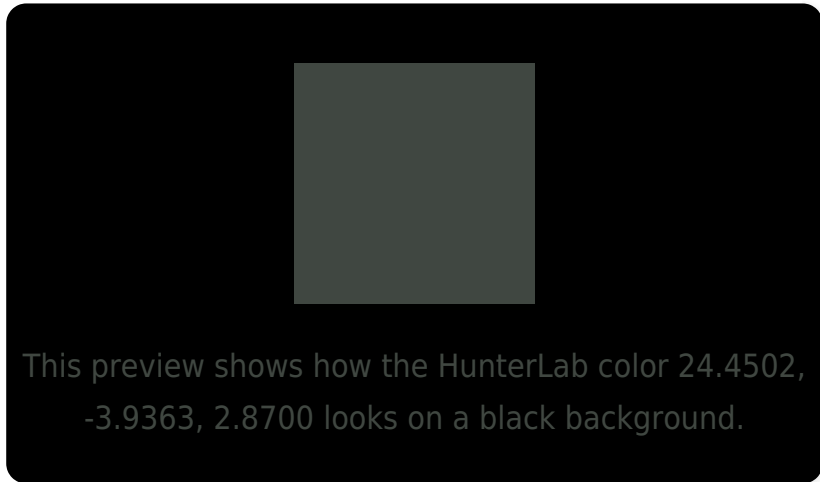
Large Text (above 18pt) WCAG AA ✓ Pass

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

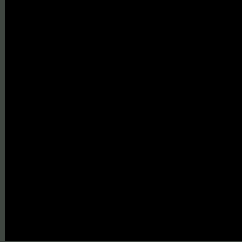
Any Text WCAG AA × Fail

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 24.4502, -3.9363, 2.8700 Background



This preview shows how black text looks on a background with the HunterLab color 24.4502, -3.9363, 2.8700.



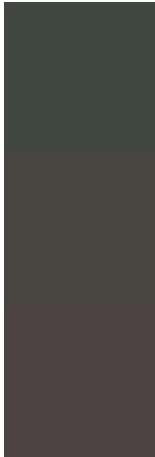
This preview shows how white text looks on a background with the HunterLab color 24.4502, -3.9363,

2.8700.

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

24.4502, -3.9363, 2.8700

Protanopia

24.5033, -1.1683, 3.3418

Deuteranopia

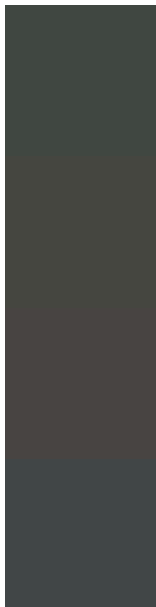
24.4652, 1.3353, 2.6076



Tritanopia

24.5898, -1.6049, -0.9262

Trichromacy



Original Color

24.4502, -3.9363, 2.8700

Protanomaly

24.5269, -2.3865, 3.3463

Deuteranomaly

24.3008, -0.4888, 2.3900

Tritanomaly

24.4112, -2.4478, 0.5205

Monochromacy



Original Color

24.4502, -3.9363, 2.8700

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.1967, -2.0951, 1.8614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4502, -3.9363, 2.8700 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(64, 71, 65)` looks like.

```
.text, #text, p{  
    color:rgb(64, 71, 65)  
}
```

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(64, 71, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 71, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4502, -3.9363, 2.8700 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(64, 71, 65) }
```


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

```
.border{ border-color:rgb(64, 71, 65) }
```

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

Here you see how a box with a 4 pixel rgb(64, 71, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 71, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 71, 65);  
box-shadow:4px 4px 4px 4px rgb(64, 71, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.4502, -3.9363, 2.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 71, 65) }
```

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

```
.background{ background-color: rgb(64, 71,  
65) }
```

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