

Converting Colors

HunterLab(24.8962, 2.8435,
3.9329)

Have a look what the booklet for
HunterLab(24.8962, 2.8435, 3.9329)
contains.

HunterLab(24.9469, 2.8506, 3.8942)	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(24.9469, 2.8506,
3.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	534340
RGB	83, 67, 64
RGB Percent	33%, 26%, 25%
CMY	0.6745, 0.7372, 0.7490
CMYK	0.00, 0.19, 0.23, 0.67
HSL	9°, 13%, 29%
HSV	9°, 23%, 33%
XYZ	6.4998, 6.2235, 5.7091
YIQ	71.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

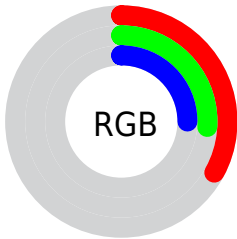
Format	Color
RYB	83, 68, 64
Decimal	5456704
CIELab	29.97, 6.32, 4.40
CIElCh	30, 7.703, 34.842
Yxy	6.2238, 0.3526, 0.3376
Android (android.graphics.Color)	4283646784 (0xFF534340)
YUV	71.4420, -3.6689, 10.1364
Hunter-Lab	24.9469, 2.8506, 3.8942

Details

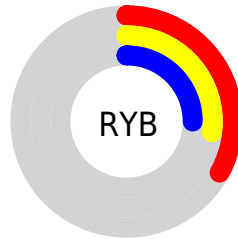
The HunterLab color **24.9469, 2.8506, 3.8942** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27.2977, -4.9778, -1.0412**, and the grayscale version is **25.2689, -1.3483, 1.3729**.

A 20% lighter version of the original color is **42.9160, 2.7930, 5.3157**, and **10.5984, 2.8554, 2.3343** is the 20% darker color. If you saturate the color by 10%, you get **23.1403, 4.9416, 4.8575**, and if you desaturate by 10%, it is **26.8462, 0.8587, 2.9036**.

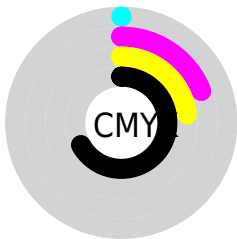
Distribution



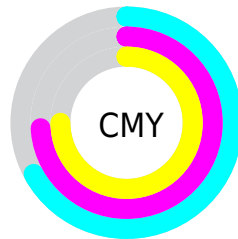
- Red (33%)
- Green (26%)
- Blue (25%)



- Red (33%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (67%)



- Cyan (67%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9469, 2.8506, 3.8942 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 24.9469, 2.8506, 3.8942 by changing the saturation by 10% instead.

■ 24.9469, 2.8506,
3.8942

■ 24.9469, 2.8506,
3.8942

■ 126.9049, 0.2653,
11.4357

■ 17.2674, 2.8098,
3.1487

■ 42.8878, 2.6716,
5.4257

■ 10.5931, 2.6547,
2.4108

■ 53.0002, 2.4789,
6.2193

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.8020, 2.2280,
7.0339

0.0000, NaN, NaN

■ 75.2518, 1.9247,
7.8704

0.0000, NaN, NaN

■ 87.3149, 1.5734,
8.7288

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.9614, 1.1779,

113.1656, 0.7410,
10.5116

■ 24.9469, 2.8506,
3.8942

■ 24.9469, 2.8506,
3.8942

■ 23.1403, 4.9416,
4.8575

■ 26.8462, 0.8587,
2.9036

■ 21.4382, 7.1347,
5.7797

■ 28.8252, -1.0376,
1.8930

■ 19.8569, 9.4200,
6.6434

■ 30.8753, -2.8474,
0.8682

■ 18.4148, 11.7726,
7.4237

■ 32.9886, -4.5801,
-0.1670

■ 17.1321, 14.1444,
8.0890

■ 35.1587, -6.2447,
-1.2103

■ 16.0298, 16.4574,
8.6024

■ 37.3800, -7.8497,
-2.2605

■ 15.1235, 18.5883,
8.9802

■ 39.6481, -9.4029,
-3.3165

■ 14.5937, 19.8718,
9.3405

■ 41.9589, -10.9110,
-4.3780

■ 44.3093, -12.3801,
-5.4448

Harmonies

Analogous

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



24.9475, 3.7794, 1.7511



24.9469, 2.8506, 3.8942



24.9475, 0.8010, 5.2455

Triad

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



24.9475, 2.8498, 3.8946



24.9475, -5.6453, 3.2730



24.9475, -0.9145, -3.7891

Complementary

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



24.9469, 2.8506, 3.8942



27.2977, -4.9778, -1.0412

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.



24.9475, -3.3966, -3.2774



24.9469, 2.8506, 3.8942



24.9475, -6.0633, 0.9584

Square

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



24.9475, 2.8498, 3.8946



24.9475, -4.0906, 4.9128



24.9475, -5.2561, -1.4766



24.9475, 1.5509, -2.8118

Rectangle

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



24.9469, 2.8506, 3.8942



24.9475, -0.8871, 5.5968



24.9475, -5.2561, -1.4766



24.9475, -1.7748, -3.7863

Sweetspot

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



24.9475, 2.8498, 3.8946



36.4837, -0.2936, 3.0459



24.6724, 6.4125, -2.9928



18.0892, -0.1242, 1.5236



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.



24.9475, 2.8498, 3.8946



31.3580, 5.0718, 5.7184



27.2515, -1.1756, 6.2185



13.9466, 0.0266, 1.2512



18.3363, 25.9896, 11.7537



42.9725, 65.8037, 27.6315

Inverse Universe

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



27.2977, -4.9778, -1.0412



35.0694, -7.3177, -2.0820



24.8529, -1.0685, -4.2277



14.4046, -1.4934, 0.2904



28.2761, -11.4862, -10.5471



67.1068, -26.5343, -26.5977

Previews

White Background



This preview shows how the HunterLab color 24.9469, 2.8506, 3.8942 looks on a white background.

Color Contrast Check

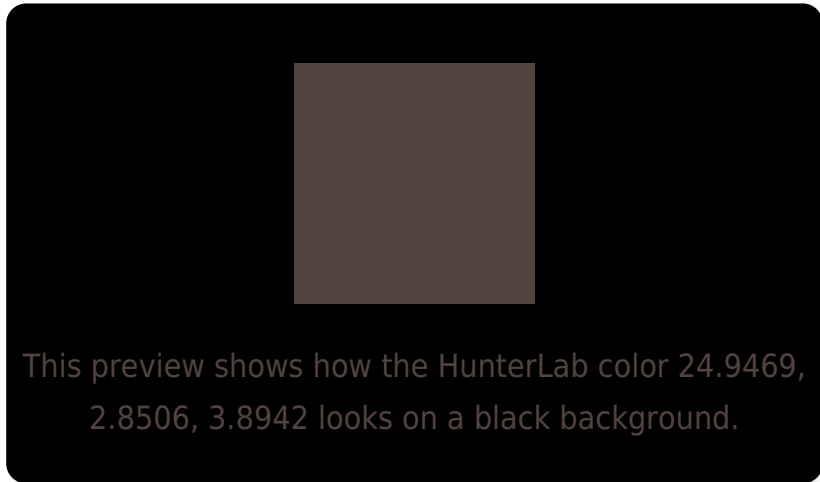
Large Text (above 18pt) WCAG AA ✓ Pass

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

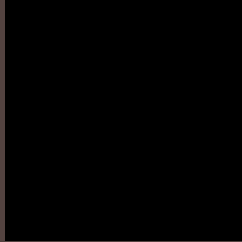
Any Text WCAG AA × Fail

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 24.9469, 2.8506, 3.8942 Background



This preview shows how black text looks on a background with the HunterLab color 24.9469, 2.8506, 3.8942.

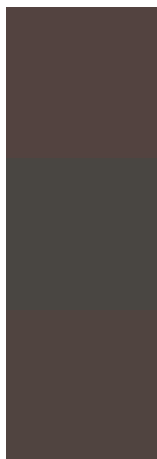


This preview shows how white text looks on a background with the HunterLab color 24.9469, 2.8506,

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

24.9469, 2.8506, 3.8942

Protanopia

24.8800, -1.0588, 3.0296

Deuteranopia

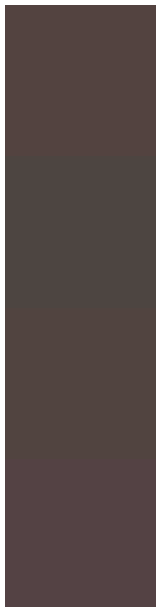
24.9196, 1.5234, 3.8415



Tritanopia

24.9723, 4.4875, 1.3131

Trichromacy



Original Color

24.9469, 2.8506, 3.8942

Protanomaly

24.9313, 0.3510, 3.4755

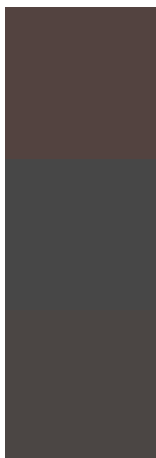
Deuteranomaly

25.0075, 1.8184, 3.9413

Tritanomaly

24.8970, 4.0916, 2.3895

Monochromacy



Original Color

24.9469, 2.8506, 3.8942

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.0869, -0.2485, 2.5291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9469, 2.8506, 3.8942 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(83, 67, 64)` looks like.

```
.text, #text, p{  
    color:rgb(83, 67, 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(83, 67, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 67, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9469, 2.8506, 3.8942 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(83, 67, 64) }
```


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

```
.border{ border-color:rgb(83, 67, 64) }
```

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

Here you see how a box with a 4 pixel rgb(83, 67, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 67, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 67, 64);  
box-shadow:4px 4px 4px 4px rgb(83, 67, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9469, 2.8506, 3.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 67, 64) }
```

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

```
.background{ background-color: rgb(83, 67,  
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