

# Converting Colors

HunterLab(24.8238, 3.4011,  
10.9334)

Have a look what the booklet for  
HunterLab(24.8238, 3.4011,  
10.9334) contains.

<b>HunterLab(24.6864, 3.4845, 10.8686)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(24.6864, 3.4845,  
10.8686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A4126
RGB	90, 65, 38
RGB Percent	35%, 25%, 15%
CMY	0.6471, 0.7451, 0.8510
CMYK	0.00, 0.28, 0.58, 0.65
HSL	31°, 41%, 25%
HSV	31°, 58%, 35%
XYZ	6.4566, 6.0942, 2.6697
YIQ	69.3970, 23.5670, -3.0970

# Conversions

## Conversions Part 2

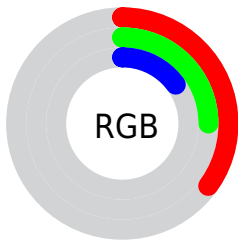
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 90, 38
Decimal	5914918
CIELab	29.65, 7.25, 20.60
CIELCh	30, 21.841, 70.615
Yxy	6.0945, 0.4242, 0.4004
Android (android.graphics.Color)	4284104998 (0xFF5A4126)
YUV	69.3970, -15.4787, 18.0688
Hunter-Lab	24.6864, 3.4845, 10.8686

# Details

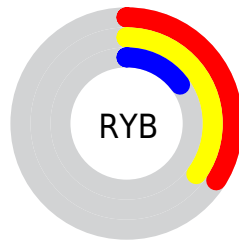
The HunterLab color **24.6864, 3.4845, 10.8686** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.6911, -1.5684, -13.1010**, and the grayscale version is **24.5825, -1.3117, 1.3356**.

A 20% lighter version of the original color is **42.6445, 3.3185, 14.9575**, and **10.4279, 3.7159, 6.4907** is the 20% darker color. If you saturate the color by 10%, you get **23.5910, 4.7932, 11.6991**, and if you desaturate by 10%, it is **25.8374, 2.3014, 9.7898**.

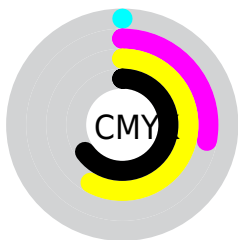
# Distribution



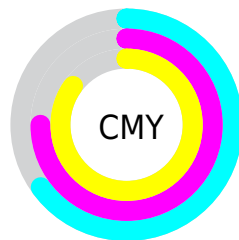
- Red (35%)
- Green (25%)
- Blue (15%)



- Red (34%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (65%)



- Cyan (65%)
- Magenta (75%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6864, 3.4845, 10.8686 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 24.6864, 3.4845, 10.8686 by changing the saturation by 10% instead.



■ 24.6864, 3.4845,  
10.8686

■ 24.6864, 3.4845,  
10.8686

■ 126.4564, 1.3252,  
26.6128

■ 17.0371, 3.3770,  
8.6958

■ 42.5756, 3.4209,  
14.7600

■ 10.3976, 3.1472,  
7.2783

■ 52.6651, 3.2799,  
16.5670

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.4455, 3.0776,  
18.3160

0.0000, NaN, NaN

■ 74.8751, 2.8203,  
20.0228

0.0000, NaN, NaN

■ 86.9190, 2.5128,  
21.6986

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.5472, 2.1591,

23.3516

0.0000, NaN, NaN

112.7339, 1.7623,  
24.9880

24.6864, 3.4845,  
10.8686

24.6864, 3.4845,  
10.8686

23.5910, 4.7932,  
11.6991

25.8374, 2.3014,  
9.7898

22.5533, 6.2297,  
12.2664

27.0386, 1.2450,  
8.4787

21.5774, 7.7870,  
12.5622

28.2870, 0.3095,  
6.9533

20.6572, 9.4054,  
12.7286

29.5792, -0.5108,  
5.2315

20.4586, 9.7625,  
12.7774

30.9122, -1.2228,  
3.3301

■ 32.2831, -1.8335,  
1.2648

■ 33.6893, -2.3498,  
-0.9500

■ 35.1284, -2.7788,  
-3.3012

■ 36.5983, -3.1268,  
-5.7771

# Harmonies

## Analogous

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



24.6870, 10.1859, 8.5143



24.6864, 3.4845, 10.8686



24.6870, -3.8355, 11.1508

# Triad

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



24.6870, 3.4834, 10.8689



24.6870, -13.5858, -1.2272



24.6870, 8.4324, -10.9981

# Complementary

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



24.6864, 3.4845, 10.8686



21.6911, -1.5684, -13.1010

# 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.



24.6870, 1.3035, -15.5768



24.6864, 3.4845, 10.8686



24.6870, -11.0388, -8.9471

# Square

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



24.6870, 3.4834, 10.8689



24.6870, -13.1455, 5.3543



24.6870, -5.7794, -14.7335



24.6870, 13.2635, -3.4780



# Rectangle

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



24.6864, 3.4845, 10.8686



24.6870, -8.0274, 10.2521



24.6870, -5.7794, -14.7335



24.6870, 6.1933, -13.0183

# Sweetspot

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



24.6870, 3.4834, 10.8689



39.1630, -0.6985, 6.8652



19.7997, 17.7338, -1.6297



19.1597, -0.2882, 3.5051



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297



# Same Dimension

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



24.6870, 3.4834, 10.8689



30.7196, 6.9781, 15.7737



30.9559, -7.2434, 15.4359



15.8726, -0.5939, 1.8277



24.9254, 12.5759, 15.5791



56.7737, 32.9363, 35.5603



# Inverse Universe

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



21.6911, -1.5684, -13.1010



25.9656, -0.7324, -22.6534



15.9787, 9.6869, -25.8760



15.6200, -1.0420, -0.1653



19.0740, 4.5726, -33.7117



42.6130, 14.7577, -85.1203



# Previews

## White Background



This preview shows how the HunterLab color 24.6864, 3.4845, 10.8686 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

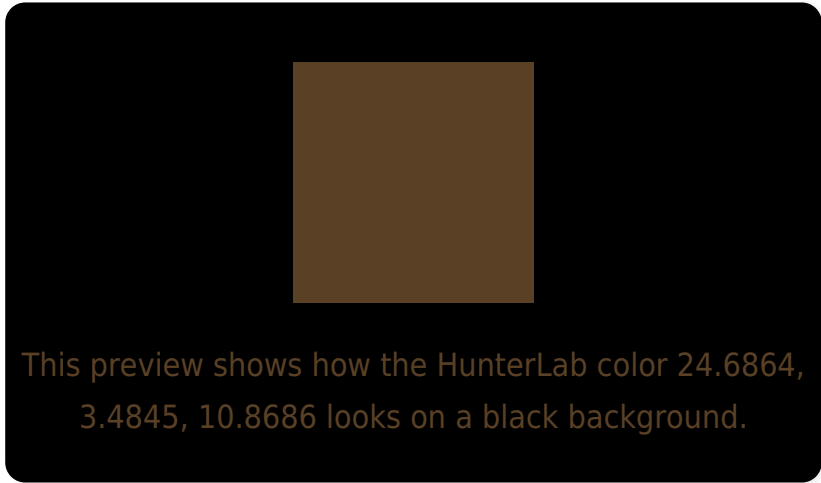
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

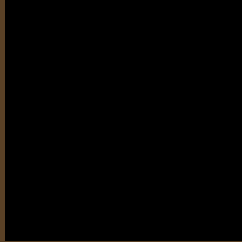
Any Text WCAG AA × Fail

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 24.6864, 3.4845, 10.8686 Background



This preview shows how black text looks on a background with the HunterLab color 24.6864, 3.4845, 10.8686.



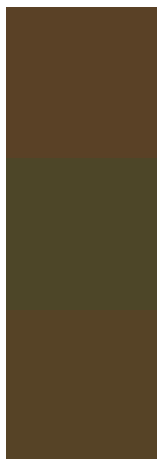
This preview shows how white text looks on a background with the HunterLab color 24.6864, 3.4845,



# 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

24.6864, 3.4845, 10.8686

### Protanopia

24.7210, -2.5831, 10.3731

### Deuteranopia

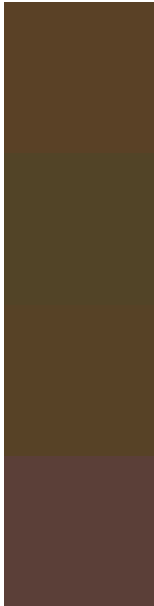
24.7643, 1.3142, 10.8924



## Tritanopia

24.7263, 8.1257, 3.0194

# Trichromacy



## Original Color

24.6864, 3.4845, 10.8686

## Protanomaly

24.6466, -0.3074, 10.5643

## Deuteranomaly

24.6224, 2.0648, 10.7928

## Tritanomaly

24.6266, 6.2330, 6.2763

# Monochromacy



## Original Color

24.6864, 3.4845, 10.8686

## Achromatopsia

24.3949, -1.3017, 1.3254

## Achromatomaly

24.5306, -0.0590, 5.4395

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.6864, 3.4845, 10.8686 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(90, 65, 38)` looks like.

```
.text, #text, p{  
    color:rgb(90, 65, 38)  
}
```

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(90, 65, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 65, 38) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.6864, 3.4845, 10.8686 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(90, 65, 38) }
```



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

```
.border{ border-color:rgb(90, 65, 38) }
```

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

Here you see how a box with a 4 pixel rgb(90, 65, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 65, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 65, 38);  
box-shadow:4px 4px 4px 4px rgb(90, 65, 38)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.6864, 3.4845, 10.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 65, 38) }
```

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

```
.background{ background-color: rgb(90, 65,  
38) }
```

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**