

# Converting Colors

HunterLab(74.4827, -54.5215,  
24.5992)

Have a look what the booklet for  
HunterLab(74.4827, -54.5215,  
24.5992) contains.

<b>HunterLab(74.3400, -54.3677, 24.4458)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(74.3400,  
-54.3677, 24.4458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E08E
RGB	0, 224, 142
RGB Percent	0%, 88%, 56%
CMY	0.9999, 0.1216, 0.4431
CMYK	1.00, 0.00, 0.37, 0.12
HSL	158°, 100%, 44%
HSV	158°, 100%, 88%
XYZ	31.5382, 55.2644, 34.5961
YIQ	147.6760, -107.1820, -72.9900

# Conversions

## Conversions Part 2

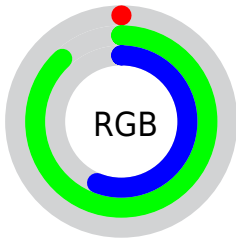
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 137, 224
Decimal	57486
CIELab	79.19, -64.16, 27.65
CIELCh	79, 69.867, 156.685
Yxy	55.2666, 0.2598, 0.4552
Android (android.graphics.Color)	4278247566 (0xFF00E08E)
YUV	147.6760, -2.7983, -129.5119
Hunter-Lab	74.3400, -54.3677, 24.4458

# Details

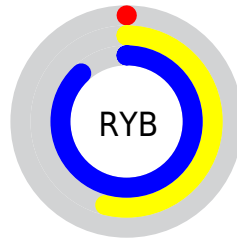
The HunterLab color **74.3400, -54.3677, 24.4458** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **40.5684, 70.9740, 14.5672**, and the grayscale version is **54.3336, -2.8991, 2.9520**.

A 20% lighter version of the original color is **88.6743, -50.9332, 18.8303**, and **53.2849, -40.6312, 21.1096** is the 20% darker color. If you saturate the color by 10%, you get **74.3412, -54.3698, 24.4487**, and if you desaturate by 10%, it is **74.6306, -52.8269, 22.0708**.

# Distribution



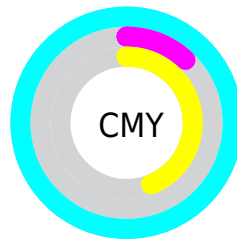
- Red (0%)
- Green (88%)
- Blue (56%)



- Red (0%)
- Yellow (54%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)




- Cyan (100%)
- Magenta (12%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.3400, -54.3677, 24.4458 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 74.3400, -54.3677, 24.4458 by changing the saturation by 10% instead.





 74.3400, -54.3677,  
24.4458


 74.3400, -54.3677,  
24.4458


201.7230,  
-86.8447, 41.9683


 62.9406, -50.1249,  
22.3247


 98.9603, -62.3241,  
28.5278


 52.1906, -45.6505,  
20.1283


 112.1221,  
-66.0937, 30.5095

 42.1337, -40.8861,  
17.8342


 125.8206,  
-69.7525, 32.4626

 32.8214, -35.7480,  
15.4099

 140.0356,  
-73.3162, 34.3928

 24.3188, -30.1135,  
12.8079

 154.7490,  
-76.7975, 36.3050

 16.7119, -24.4031,  
10.3485

169.9443,

 10.1222, -17.7138,

-80.2071, 38.2029

7.0855

185.6068,  
-83.5537, 40.0898

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.3400, -54.3677,  
24.4458

■ 74.3400, -54.3677,  
24.4458

■ 74.3412, -54.3698,  
24.4487

■ 74.6306, -52.8269,  
22.0708

■ 75.0665, -50.6666,  
19.6749

■ 75.6901, -47.7350,  
17.3161

■ 76.5217, -43.9758,  
15.0352

■ 77.5750, -39.3679,

12.8691

■ 78.8590, -33.9194,  
10.8496

■ 80.3781, -27.6619,  
9.0037

■ 82.1333, -20.6456,  
7.3525

■ 84.1224, -12.9339,  
5.9114

# Harmonies

## Analogous

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



74.3415, -38.6787, 38.3271



74.3400, -54.3677, 24.4458



74.3415, -57.7492, -3.4478

# Triad

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



74.3415, -54.3684, 24.4464



74.3415, 3.6795, -86.1888



74.3415, 55.0725, 32.1395

# Complementary

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



74.3400, -54.3677, 24.4458



40.5684, 70.9740, 14.5672

# 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.



74.3415, 71.4515, 10.8339



74.3400, -54.3677, 24.4458



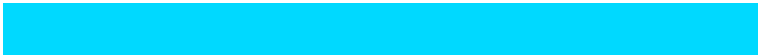
74.3415, 38.5683, -63.7900

# Square

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



74.3415, -54.3684, 24.4464



74.3415, -27.7904, -77.1080



74.3415, 64.9311, -24.5267



74.3415, 23.2859, 41.1952



# Rectangle

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



74.3400, -54.3677, 24.4458



74.3415, -53.2228, -29.0748



74.3415, 64.9311, -24.5267



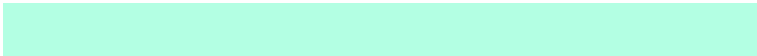
74.3415, 62.7973, 26.6443

# Sweetspot

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



74.3415, -54.3684, 24.4464



93.0537, -32.2129, 10.4743



74.2387, -57.4264, 44.7397



42.6910, -16.3745, 5.2548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.3415, -54.3684, 24.4464



86.0906, -63.0579, 28.5180



66.3535, -27.9408, -22.6187



39.3481, -5.8367, 2.7275



56.7367, -41.3560, 18.3598



14.9944, -10.5383, 4.0074



# Inverse Universe

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



40.5684, 70.9740, 14.5672



46.9645, 82.1244, 17.1983



40.9521, 64.3406, 26.3600



37.1256, 1.9270, 1.5291



30.9826, 54.2687, 10.6399

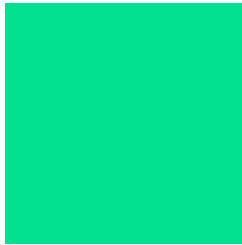


8.2595, 14.6631, 1.3185



# Previews

## White Background



This preview shows how the HunterLab color 74.3400, -54.3677, 24.4458 looks on a white 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



# Black Background



This preview shows how the HunterLab color 74.3400, -54.3677, 24.4458 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 74.3400, -54.3677, 24.4458 Background



This preview shows how black text looks on a background with the HunterLab color 74.3400, -54.3677, 24.4458.



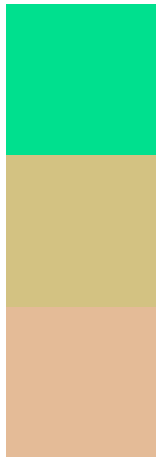
This preview shows how white text looks on a background with the HunterLab color 74.3400, -54.3677, 24.4458.

-54.3677, 24.4458.

# 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

74.3400, -54.3677, 24.4458

### Protanopia

73.5147, -6.7973, 28.1478

### Deuteranopia

73.6675, 5.2005, 21.9206



## **Tritanopia**

74.1757, -30.0781, -15.2494

# Trichromacy



## Original Color

74.3400, -54.3677, 24.4458



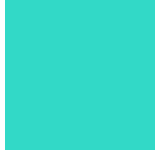
## Protanomaly

71.0297, -33.9185, 24.3479



## Deuteranomaly

70.3324, -27.4603, 19.2395



## Tritanomaly

73.7749, -40.9458, 1.3188

# Monochromacy



## Original Color

74.3400, -54.3677, 24.4458



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

59.5866, -28.3979, 9.1611

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.3400, -54.3677, 24.4458 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(0, 224, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 142)  
}
```

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(0, 224, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 142) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.3400, -54.3677, 24.4458 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(0, 224, 142) }
```



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

```
.border{ border-color:rgb(0, 224, 142) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
142) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.3400, -54.3677, 24.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 142) }
```

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

```
.background{ background-color: rgb(0, 224,  
142) }
```

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