

# Converting Colors

HunterLab(74.4540, -24.0612,  
14.4870)

Have a look what the booklet for  
HunterLab(74.4540, -24.0612,  
14.4870) contains.

<b>HunterLab(74.4723, -24.1446, 14.3939)</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(74.4723,  
-24.1446, 14.3939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FD0AC
RGB	159, 208, 172
RGB Percent	62%, 82%, 67%
CMY	0.3765, 0.1843, 0.3255
CMYK	0.24, 0.00, 0.17, 0.18
HSL	136°, 34%, 72%
HSV	136°, 24%, 82%
XYZ	44.3003, 55.4612, 47.3999
YIQ	189.2450, -17.6480, -21.5840

# Conversions

## Conversions Part 2

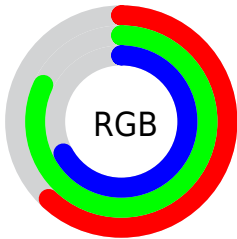
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 198, 208
Decimal	10473644
CIELab	79.31, -23.14, 12.74
CIELCh	79, 26.414, 151.153
Yxy	55.4636, 0.3010, 0.3769
Android (android.graphics.Color)	4288663724 (0xFF9FD0AC)
YUV	189.2450, -8.5018, -26.5249
Hunter-Lab	74.4723, -24.1446, 14.3939

# Details

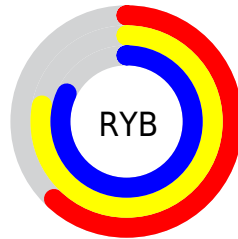
The HunterLab color  $74.4723, -24.1446, 14.3939$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $64.9212, 19.0859, -6.8154$ , and the grayscale version is  $71.4806, -3.8140, 3.8837$ .

A 20% lighter version of the original color is  $95.5836, -22.8095, 13.4201$ , and  $52.1562, -20.3430, 11.5825$  is the 20% darker color. If you saturate the color by 10%, you get  $72.7730, -31.3651, 18.4071$ , and if you desaturate by 10%, it is  $76.4156, -16.1532, 10.2030$ .

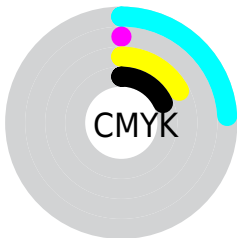
# Distribution



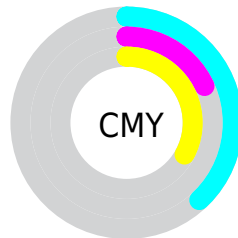
- Red (62%)
- Green (82%)
- Blue (67%)



- Red (62%)
- Yellow (78%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)




- Cyan (38%)
- Magenta (18%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4723, -24.1446, 14.3939 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 74.4723, -24.1446, 14.3939 by changing the saturation by 10% instead.





 74.4723, -24.1446,  
14.3939


 74.4723, -24.1446,  
14.3939


201.9076,  
-39.6975, 25.9742

 63.0658, -22.3212,  
13.1254


 99.1059, -27.6985,  
16.9267

 52.3083, -20.4497,  
11.8466


 112.2739,  
-29.4414, 18.1960

 42.2433, -18.5152,  
10.5506


125.9784,  
-31.1692, 19.4708

 32.9222, -16.4936,  
9.2253

140.1991,  
-32.8859, 20.7528

 24.4101, -14.3479,  
7.8515

154.9180,  
-34.5948, 22.0432

 16.7925, -12.0152,  
6.3966

170.1187,

 10.1903, -10.5712,

-36.2983, 23.3431

5.7895

185.7864,  
-37.9986, 24.6532

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4723, -24.1446,  
14.3939

■ 74.4723, -24.1446,  
14.3939

■ 72.7730, -31.3651,  
18.4071

■ 76.4156, -16.1532,  
10.2030

■ 71.3160, -37.7322,  
22.1920

■ 78.5923, -7.4745,  
5.8781

■ 70.1026, -43.1847,  
25.7023

■ 80.9959, 1.7995,  
1.4628

■ 69.1282, -47.6829,  
28.8946

■ 83.6168, 11.5799,  
-3.0049

■ 68.3835, -51.2168,

■ 85.5435, 18.9100,

31.7317

-8.7423

■ 67.8536, -53.8122,  
34.1851

■ 85.7869, 20.1750,  
-12.1717

■ 67.5163, -55.5382,  
36.2357

■ 67.3732, -56.3016,  
37.3284

# Harmonies

## Analogous

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



74.4739, -16.1713, 21.2908



74.4723, -24.1446, 14.3939



74.4739, -26.8123, 3.5859

# Triad

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



74.4739, -24.1460, 14.3948



74.4739, -3.4868, -23.0511



74.4739, 18.0487, 15.0780

# Complementary

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



74.4723, -24.1446, 14.3939



64.9212, 19.0859, -6.8154

# 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.



74.4739, 21.9897, 4.5187



74.4723, -24.1446, 14.3939



74.4739, 9.0546, -18.6421

# Square

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



74.4739, -24.1460, 14.3948



74.4739, -15.3758, -19.2474



74.4739, 18.5951, -8.0223



74.4739, 8.1499, 21.6365



# Rectangle

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



74.4723, -24.1446, 14.3939



74.4739, -25.3721, -4.8072



74.4739, 18.5951, -8.0223



74.4739, 20.1427, 11.9442

# Sweetspot

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



74.4739, -24.1460, 14.3948



97.9563, -13.3531, 9.3356



77.0194, -15.3906, 21.9387



45.2406, -6.4893, 4.4735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

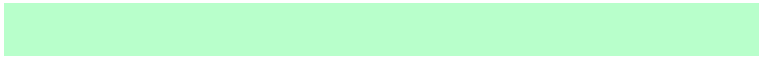


# Same Dimension

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



74.4739, -24.1460, 14.3948



92.7098, -34.8669, 20.5667



75.1394, -20.3377, 4.8517



36.4102, -5.9509, 3.9680



53.2005, -44.3661, 29.2777



12.6326, -10.1611, 6.1453



# Inverse Universe

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



64.9212, 19.0859, -6.8154



78.3802, 30.0984, -11.2378



64.1539, 15.1266, 4.0725



34.5735, 2.3359, -0.1124



31.3117, 58.2415, -15.5751



7.4895, 14.0759, -4.8495



# Previews

## White Background



This preview shows how the HunterLab color 74.4723, -24.1446, 14.3939 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

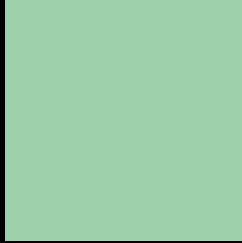
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.4723, -24.1446, 14.3939 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

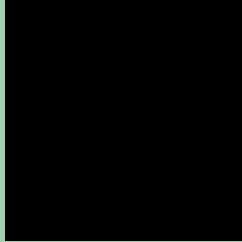
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

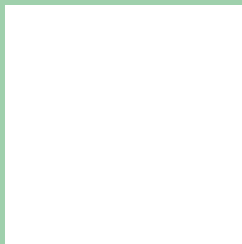
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.4723, -24.1446, 14.3939 Background



This preview shows how black text looks on a background with the HunterLab color 74.4723, -24.1446, 14.3939.



This preview shows how white text looks on a background with the HunterLab color 74.4723,

-24.1446, 14.3939.

# 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

74.4723, -24.1446, 14.3939

### Protanopia

74.0980, -4.7625, 16.7087

### Deuteranopia

74.2020, 5.2406, 12.9949



## Tritanopia

74.5107, -11.3029, -7.0648

# Trichromacy



## Original Color

74.4723, -24.1446, 14.3939

## Protanomaly

74.1313, -12.4453, 15.8324

## Deuteranomaly

73.9710, -6.3061, 12.9622

## Tritanomaly

74.3608, -16.2409, 1.4774

# Monochromacy



## Original Color

74.4723, -24.1446, 14.3939

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

72.3628, -11.5683, 7.6807

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.4723, -24.1446, 14.3939 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(159, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(159, 208, 172)  
}
```

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(159, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 208, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.4723, -24.1446, 14.3939 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(159, 208, 172) }
```



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

```
.border{ border-color:rgb(159, 208, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(159, 208,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.4723, -24.1446, 14.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 208, 172) }
```

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

```
.background{ background-color: rgb(159,  
208, 172) }
```

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