

# Converting Colors

HunterLab(78.8509, -23.9095,  
5.3403)

Have a look what the booklet for  
HunterLab(78.8509, -23.9095,  
5.3403) contains.

<b>HunterLab(78.9896, -24.0476, 5.3724)</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(78.9896,  
-24.0476, 5.3724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FDBCC
RGB	159, 219, 204
RGB Percent	62%, 86%, 80%
CMY	0.3765, 0.1412, 0.2000
CMYK	0.27, 0.00, 0.07, 0.14
HSL	165°, 45%, 74%
HSV	165°, 27%, 86%
XYZ	50.5287, 62.3936, 66.5068
YIQ	199.3500, -30.9450, -17.3850

# Conversions

## Conversions Part 2

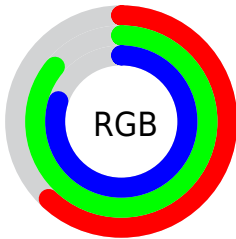
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 193, 219
Decimal	10476492
CIELab	83.12, -22.21, 1.21
CIElCh	83, 22.240, 176.886
Yxy	62.3961, 0.2816, 0.3477
Android (android.graphics.Color)	4288666572 (0xFF9FDBCC)
YUV	199.3500, 2.2925, -35.3869
Hunter-Lab	78.9896, -24.0476, 5.3724

# Details

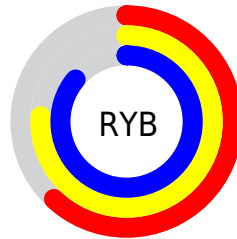
The HunterLab color  $78.9896, -24.0476, 5.3724$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $65.5087, 19.5674, 4.4635$ , and the grayscale version is  $75.7233, -4.0404, 4.1142$ .

A 20% lighter version of the original color is  $96.5335, -17.6137, 1.0679$ , and  $56.4066, -20.4710, 4.0700$  is the 20% darker color. If you saturate the color by 10%, you get  $77.5202, -29.9244, 6.1380$ , and if you desaturate by 10%, it is  $80.6873, -17.4637, 4.8602$ .

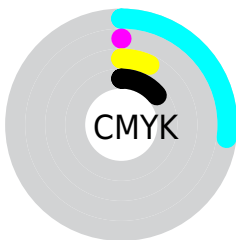
# Distribution



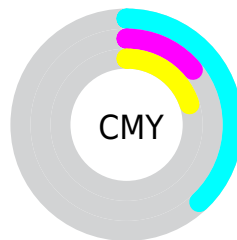
- Red (62%)
- Green (86%)
- Blue (80%)



- Red (62%)
- Yellow (76%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)




- Cyan (38%)
- Magenta (14%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.9896, -24.0476, 5.3724 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 78.9896, -24.0476, 5.3724 by changing the saturation by 10% instead.





 78.9896, -24.0476,  
5.3724

 78.9896, -24.0476,  
5.3724


208.1765,  
-39.2046, 12.8198

 67.3445, -22.2885,  
4.6831


 104.0662,  
-27.4903, 6.8431

 56.3342, -20.4898,  
4.0241


 117.4415,  
-29.1843, 7.6202

 45.9995, -18.6391,  
3.3978


131.3452,  
-30.8668, 8.4242

 36.3877, -16.7170,  
2.8060

145.7581,  
-32.5410, 9.2542

 27.5581, -14.6940,  
2.2505

160.6627,  
-34.2099, 10.1094

 19.5872, -12.5217,  
1.7335

176.0433,

 12.5800, -10.1134,

-35.8756, 10.9892

1.2569

191.8856,  
-37.5400, 11.8929

■ 5.8805, -10.2909,  
1.1717

0.0000, NaN, NaN

■ 78.9896, -24.0476,  
5.3724

■ 78.9896, -24.0476,  
5.3724

■ 77.5202, -29.9244,  
6.1380

■ 80.6873, -17.4637,  
4.8602

■ 76.2734, -35.0454,  
7.1449

■ 82.6063, -10.2266,  
4.6015

■ 75.2467, -39.3829,  
8.3788

■ 84.7439, -2.4019,  
4.5954

■ 74.4322, -42.9292,  
9.8182

■ 87.0938, 5.9423,  
4.8355

■ 73.8173, -45.7024,  
11.4351

■ 88.1569, 9.8362,  
3.4583

■ 73.3842, -47.7509,  
13.1955

■ 88.3353, 10.7835,  
0.9177

■ 73.1048, -49.1722,  
15.0554

■ 88.5190, 11.7563,  
-1.6910

■ 73.0441, -49.4919,  
15.5401

■ 88.7078, 12.7545,  
-4.3677

■ 88.9018, 13.7779,  
-7.1121

# Harmonies

## Analogous

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



78.9912, -20.9949, 14.4208



78.9896, -24.0476, 5.3724



78.9912, -22.0316, -5.2434

# Triad

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



78.9912, -24.0488, 5.3735



78.9912, 5.4696, -15.5972



78.9912, 7.5423, 19.2231

# Complementary

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



78.9896, -24.0476, 5.3724



65.5087, 19.5674, 4.4635

# 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.



78.9912, 15.3268, 12.7832



78.9896, -24.0476, 5.3724



78.9912, 14.0854, -7.3678

# Square

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



78.9912, -24.0488, 5.3735



78.9912, -5.3526, -18.2741



78.9912, 17.7831, 3.2106



78.9912, -3.0790, 21.7073



# Rectangle

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



78.9896, -24.0476, 5.3724



78.9912, -18.0194, -11.6576



78.9912, 17.7831, 3.2106



78.9912, 10.5991, 17.4958

# Sweetspot

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



78.9912, -24.0488, 5.3735



97.9847, -12.7499, 5.4783



78.9195, -26.6687, 23.5198



45.1656, -6.5207, 2.5485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

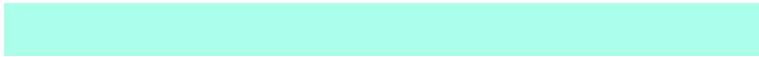


# Same Dimension

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



78.9912, -24.0488, 5.3735



92.7897, -32.7870, 6.8833



74.9335, -14.6067, -7.1112



38.4331, -5.4939, 2.1665



56.2616, -38.0100, 11.7306



14.3671, -9.3889, 2.3103



# Inverse Universe

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



65.5087, 19.5674, 4.4635



73.5732, 29.6189, 5.7174



68.8855, 10.0935, 14.3910



36.2004, 1.6825, 1.9912



30.1777, 52.2669, 14.9525

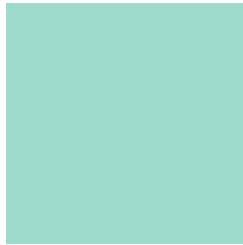


7.7705, 13.6325, 2.4991



# Previews

## White Background



This preview shows how the HunterLab color 78.9896, -24.0476, 5.3724 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

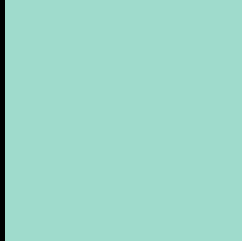
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.9896, -24.0476, 5.3724 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

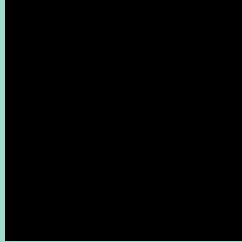
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

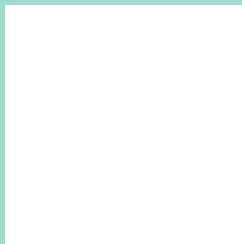
Any Text WCAG AAA ✓ Pass

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

# HunterLab 78.9896, -24.0476, 5.3724 Background



This preview shows how black text looks on a background with the HunterLab color 78.9896, -24.0476, 5.3724.



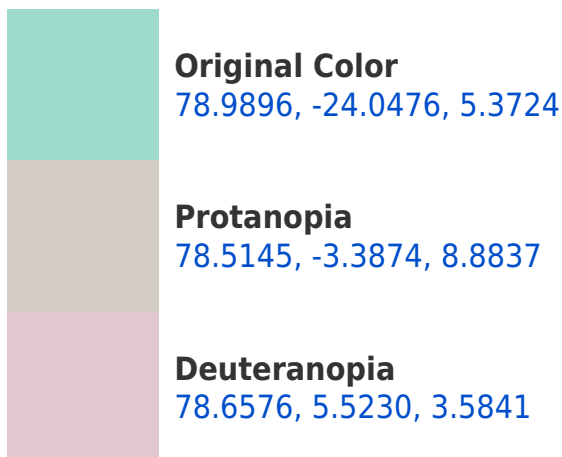
This preview shows how white text looks on a background with the HunterLab color 78.9896, -24.0476, 5.3724.

-24.0476, 5.3724.

# 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





## Tritanopia

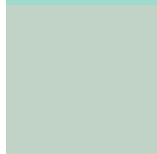
79.0104, -15.4063, -8.8730

# Trichromacy



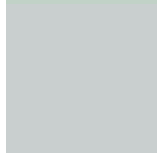
## Original Color

78.9896, -24.0476, 5.3724



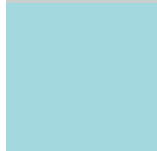
## Protanomaly

78.4565, -11.3746, 7.3125



## Deuteranomaly

78.4526, -6.0946, 3.6228



## Tritanomaly

78.8493, -18.3554, -3.6993

# Monochromacy



## Original Color

78.9896, -24.0476, 5.3724



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

76.5180, -11.7126, 4.1280

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.9896, -24.0476, 5.3724 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, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(159, 219, 204)  
}
```

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, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 219, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.9896, -24.0476, 5.3724 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, 219, 204) }
```



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

```
.border{ border-color:rgb(159, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 219, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 219, 204); box-shadow:4px 4px 4px 4px rgb(159, 219, 204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.9896, -24.0476, 5.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 219, 204) }
```

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

```
.background{ background-color: rgb(159,  
219, 204) }
```

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](#).

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