

# Converting Colors

HunterLab(81.5050, -24.6277,  
19.5340)

Have a look what the booklet for  
HunterLab(81.5050, -24.6277,  
19.5340) contains.

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# Color

**HunterLab(81.5050,  
-24.6277, 19.5340)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B6E0B1
RGB	182, 224, 177
RGB Percent	71%, 88%, 69%
CMY	0.2863, 0.1215, 0.3059
CMYK	0.19, 0.00, 0.21, 0.12
HSL	114°, 43%, 79%
HSV	114°, 21%, 88%
XYZ	53.8828, 66.4307, 51.5774
YIQ	206.0840, -9.9450, -23.5210

# Conversions

## Conversions Part 2

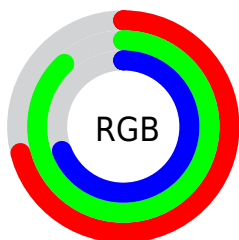
Format	Color
<a href="#">RYB</a>	<a href="#">177, 224, 219</a>
Decimal	<a href="#">11985073</a>
CIELab	<a href="#">85.22, -22.46, 18.60</a>
CIELCh	<a href="#">85, 29.165, 140.363</a>
Yxy	<a href="#">66.4335, 0.3135, 0.3865</a>
Android (android.graphics.Color)	<a href="#">4290175153</a> (0xFFB6E0B1)
YUV	<a href="#">206.0840, -14.3384, -21.1217</a>
Hunter-Lab	<a href="#">81.5050, -24.6277, 19.5340</a>

# Details

The HunterLab color **81.5050, -24.6277, 19.5340** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72.0334, 18.6401, -13.3350**, and the grayscale version is **78.6625, -4.1972, 4.2739**.

A 20% lighter version of the original color is **97.7652, -14.5669, 13.2355**, and **58.6689, -21.3502, 16.5070** is the 20% darker color. If you saturate the color by 10%, you get **79.5906, -32.8959, 25.4972**, and if you desaturate by 10%, it is **83.6752, -15.5038, 12.8288**.

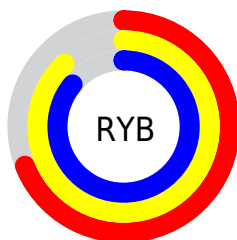
# Distribution



Red (71%)

Green (88%)

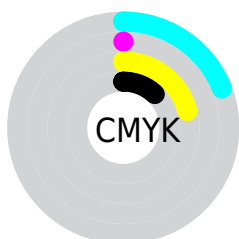
Blue (69%)



Red (69%)

Yellow (88%)

Blue (86%)

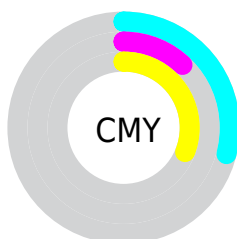


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (12%)



Cyan (29%)

Magenta (12%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.5050, -24.6277, 19.5340 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 81.5050, -24.6277, 19.5340 by changing the saturation by 10% instead.





 81.5050, -24.6277,  
19.5340

 81.5050, -24.6277,  
19.5340


211.6425,  
-39.8655, 33.3701

 69.7312, -22.8625,  
17.9560


 106.8215,  
-28.0867, 22.6402

 58.5846, -21.0586,  
16.3494


120.3091,  
-29.7895, 24.1772

 48.1049, -19.2048,  
14.7038


134.3209,  
-31.4809, 25.7089

 38.3373, -17.2830,  
13.0030

148.8381,  
-33.1644, 27.2382

 29.3383, -15.2657,  
11.2230

163.8436,  
-34.8425, 28.7673

 21.1801, -13.1093,  
9.3257


179.3220,

 13.9605, -10.7365,


-36.5176, 30.2980


7.5063


195.2592,  
-38.1914, 31.8319


 7.5997, -13.2838,  
5.3198


0.0000, NaN, NaN


 81.5050, -24.6277,  
19.5340


 81.5050, -24.6277,  
19.5340

 79.5906, -32.8959,  
25.4972


 83.6752, -15.5038,  
12.8288


 77.9314, -40.2146,  
30.6540

 86.0887, -5.6161,  
5.4498

 76.5304, -46.5118,  
34.9589

 88.7383, 4.9342,  
-2.5268

 75.3851, -51.7369,  
38.3870

 90.4400, 11.3622,  
-6.0947

■ 74.4885, -55.8694,  
40.9408

■ 73.8282, -58.9254,  
42.6564

■ 73.3858, -60.9645,  
43.6105

■ 73.1477, -62.0494,  
43.9870

# Harmonies

## Analogous

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



81.5067, -13.7807, 25.4961



81.5050, -24.6277, 19.5340



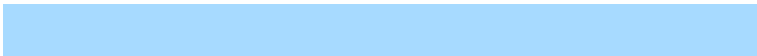
81.5067, -29.9318, 8.7303

# Triad

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



81.5067, -24.6294, 19.5350



81.5067, -8.9439, -26.0924



81.5067, 23.3089, 13.0930

# Complementary

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



81.5050, -24.6277, 19.5340



72.0334, 18.6401, -13.3350

# 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.



81.5067, 24.8288, -0.1041



81.5050, -24.6277, 19.5340



81.5067, 5.5229, -24.3727

# Square

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



81.5067, -24.6294, 19.5350



81.5067, -21.3004, -18.6062



81.5067, 18.1216, -14.2499



81.5067, 14.1024, 22.2501



# Rectangle

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



81.5050, -24.6277, 19.5340



81.5067, -29.8784, -0.4531



81.5067, 18.1216, -14.2499



81.5067, 24.7594, 9.0411

# Sweetspot

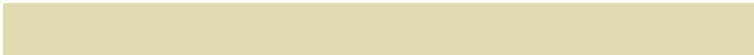
The Sweet Spot groups the original color and five complimentary colors.



81.5067, -24.6294, 19.5350



98.2608, -12.4030, 10.7289



83.3283, -8.9750, 21.5928



45.3752, -6.0859, 5.2231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

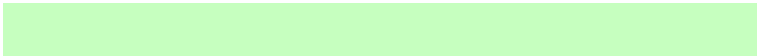


# Same Dimension

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



81.5067, -24.6294, 19.5350



93.4358, -32.6726, 25.6338



81.6102, -23.3047, 12.3622



39.2513, -6.5538, 5.4820



55.8271, -47.2476, 33.5732



14.7789, -12.0946, 8.8949



# Inverse Universe

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



72.0334, 18.6401, -13.3350



80.3663, 27.1055, -19.8007



71.9366, 17.0455, -3.4948



37.2260, 2.6751, -1.5227



32.1318, 64.7756, -54.8095

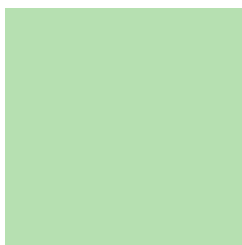


8.5859, 17.2325, -14.0557



# Previews

## White Background



This preview shows how the HunterLab color 81.5050, -24.6277, 19.5340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

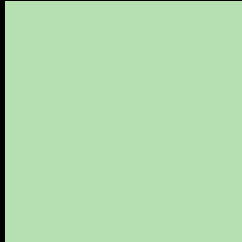
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.5050, -24.6277, 19.5340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

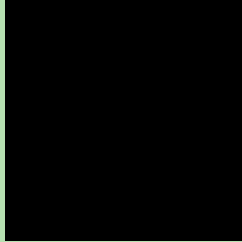
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

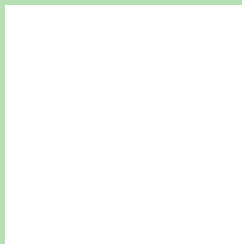
Any Text WCAG AAA ✓ Pass

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

## HunterLab 81.5050, -24.6277, 19.5340 Background



This preview shows how black text looks on a background with the HunterLab color 81.5050, -24.6277, 19.5340.



This preview shows how white text looks on a background with the HunterLab color 81.5050,

-24.6277, 19.5340.

# 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

81.5050, -24.6277, 19.5340

### Protanopia

81.2618, -6.1384, 21.8549

### Deuteranopia

81.0895, 6.1105, 18.1102



## Tritanopia

81.3195, -8.6462, -6.7972

# Trichromacy



## Original Color

81.5050, -24.6277, 19.5340



## Protanomaly

81.0458, -13.2215, 20.7861



## Deuteranomaly

80.7812, -5.8008, 17.9831



## Tritanomaly

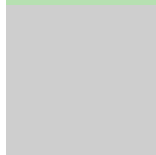
81.3379, -14.8801, 3.9725

# Monochromacy



## Original Color

81.5050, -24.6277, 19.5340



## Achromatopsia

78.5625, -4.1919, 4.2684



## Achromatomaly

79.6235, -12.2969, 10.4033

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.5050, -24.6277, 19.5340 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(182, 224, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 224, 177)  
}
```

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(182, 224, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 224, 177) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.5050, -24.6277, 19.5340 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(182, 224, 177) }
```



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

```
.border{ border-color:rgb(182, 224, 177) }
```

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

Here you see how a box with a 4 pixel rgb(182, 224, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 224, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 224, 177);  
box-shadow:4px 4px 4px 4px rgb(182, 224,  
177) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.5050, -24.6277, 19.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 224, 177) }
```

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

```
.background{ background-color: rgb(182,  
224, 177) }
```

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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