

# Converting Colors

HunterLab(79.5181, -38.1768,  
24.0844)

Have a look what the booklet for  
HunterLab(79.5181, -38.1768,  
24.0844) contains.

<b>HunterLab(79.5276, -38.2418, 24.2189)</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(79.5276,  
-38.2418, 24.2189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FE39E
RGB	143, 227, 158
RGB Percent	56%, 89%, 62%
CMY	0.4392, 0.1098, 0.3804
CMYK	0.37, 0.00, 0.30, 0.11
HSL	131°, 60%, 73%
HSV	131°, 37%, 89%
XYZ	44.9683, 63.2464, 42.1855
YIQ	194.0180, -27.9150, -39.2670

# Conversions

## Conversions Part 2

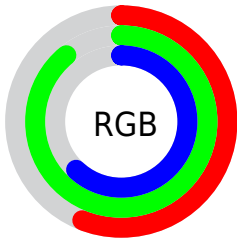
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 214, 227
Decimal	9429918
CIELab	83.57, -39.58, 25.87
CIELCh	84, 47.290, 146.829
Yxy	63.2490, 0.2990, 0.4205
Android (android.graphics.Color)	4287619998 (0xFF8FE39E)
YUV	194.0180, -17.7569, -44.7428
Hunter-Lab	79.5276, -38.2418, 24.2189

# Details

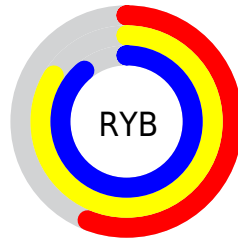
The HunterLab color  $79.5276, -38.2418, 24.2189$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $63.8205, 37.6318, -17.8831$ , and the grayscale version is  $73.5396, -3.9239, 3.9955$ .

A 20% lighter version of the original color is  $94.0565, -29.2415, 17.7632$ , and  $56.7813, -32.7568, 20.1768$  is the 20% darker color. If you saturate the color by 10%, you get  $77.9934, -45.0703, 28.5979$ , and if you desaturate by 10%, it is  $81.3485, -30.3765, 19.4122$ .

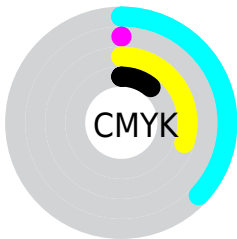
# Distribution



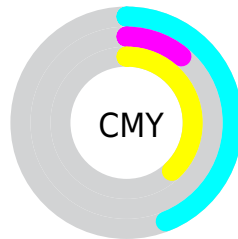
- Red (56%)
- Green (89%)
- Blue (62%)



- Red (56%)
- Yellow (84%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)




- Cyan (44%)
- Magenta (11%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.5276, -38.2418, 24.2189 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 79.5276, -38.2418, 24.2189 by changing the saturation by 10% instead.




 79.5276, -38.2418,  
24.2189


 79.5276, -38.2418,  
24.2189


208.9193,  
-60.2152, 40.9334

 67.8548, -35.5265,  
22.2278


 104.6560,  
-43.4387, 28.0758

 56.8151, -32.7046,  
20.1767


 118.0554,  
-45.9453, 29.9581

 46.4490, -29.7491,  
18.0478


131.9825,  
-48.4045, 31.8184

 36.8036, -26.6194,  
15.8154

146.4178,  
-50.8242, 33.6617

 27.9373, -23.2552,  
13.4419

161.3441,  
-53.2103, 35.4920

 19.9258, -19.5603,  
10.8708

176.7457,

 12.8725, -16.1216,

-55.5681, 37.3123

9.0107

192.6085,  
-57.9019, 39.1254

■ 6.2895, -11.0066,  
4.4027

0.0000, NaN, NaN

■ 79.5276, -38.2418,  
24.2189

■ 79.5276, -38.2418,  
24.2189

■ 77.9934, -45.0703,  
28.5979

■ 81.3485, -30.3765,  
19.4122

■ 76.7388, -50.7924,  
32.4930

■ 83.4486, -21.5591,  
14.2357

■ 75.7581, -55.3753,  
35.8618

■ 85.8235, -11.8938,  
8.7527

■ 75.0379, -58.8245,  
38.6754

■ 88.4643, -1.4897,  
3.0241

■ 74.5574, -61.1927,  
40.9216

■ 91.2033, 9.0236,  
-3.1008

■ 74.2850, -62.5950,  
42.6052

■ 91.3349, 9.7237,  
-4.9642

■ 74.2277, -62.8957,  
42.9956

# Harmonies

## Analogous

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



79.5293, -23.3930, 33.6454



79.5276, -38.2418, 24.2189



79.5293, -44.0605, 6.6401

# Triad

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



79.5293, -38.2431, 24.2197



79.5293, -6.6997, -50.7527



79.5293, 39.5933, 21.1959

# Complementary

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



79.5276, -38.2418, 24.2189



63.8205, 37.6318, -17.8831

# 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.



79.5293, 45.3634, 1.9463



79.5276, -38.2418, 24.2189



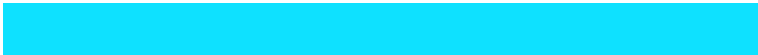
79.5293, 16.8996, -43.6001

# Square

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



79.5293, -38.2431, 24.2197



79.5293, -27.2088, -40.0022



79.5293, 36.6339, -22.5588



79.5293, 21.6555, 32.2835



# Rectangle

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



79.5276, -38.2418, 24.2189



79.5293, -42.5941, -8.9603



79.5293, 36.6339, -22.5588



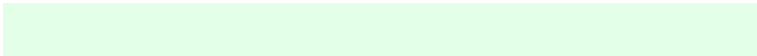
79.5293, 43.1033, 15.6590

# Sweetspot

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



79.5293, -38.2431, 24.2197



96.7815, -18.1625, 12.5674



84.3033, -20.7648, 33.3073



44.6040, -9.1007, 6.2099

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

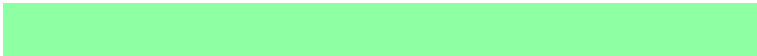


# Same Dimension

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



79.5293, -38.2431, 24.2197



89.4317, -49.4249, 31.3211



80.5630, -32.1802, 9.3125



40.1634, -6.7590, 4.7719



56.6955, -47.9639, 32.6760



15.4519, -12.7889, 8.2940



# Inverse Universe

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



63.8205, 37.6318, -17.8831



68.4405, 52.4231, -24.9745



62.3837, 30.6142, 2.3580



38.1690, 2.7862, -0.5624



34.0867, 64.5198, -25.6114

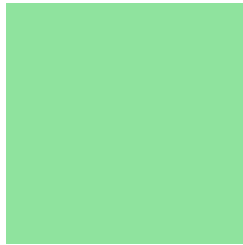


9.3285, 17.7590, -7.7992



# Previews

## White Background



This preview shows how the HunterLab color 79.5276, -38.2418, 24.2189 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 79.5276, -38.2418, 24.2189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

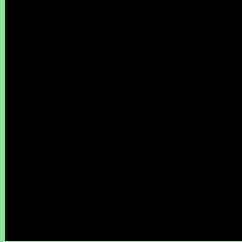
Any Text WCAG AA ✓ Pass

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 79.5276, -38.2418, 24.2189 Background



This preview shows how black text looks on a background with the HunterLab color 79.5276, -38.2418, 24.2189.



This preview shows how white text looks on a background with the HunterLab color 79.5276,

-38.2418, 24.2189.

# 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

79.5276, -38.2418, 24.2189

### Protanopia

79.0465, -6.9762, 27.2588

### Deuteranopia

78.9965, 5.7877, 22.4182



## Tritanopia

79.3693, -17.2121, -10.1077

# Trichromacy



**Original Color**

79.5276, -38.2418, 24.2189

**Protanomaly**

78.6317, -19.6473, 25.7098

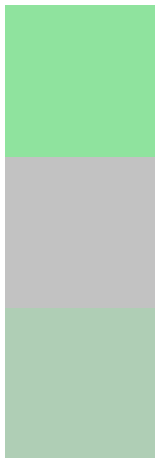
**Deuteranomaly**

78.3144, -12.2013, 22.1646

**Tritanomaly**

79.3664, -25.8626, 4.3534

# Monochromacy



**Original Color**

79.5276, -38.2418, 24.2189

**Achromatopsia**

73.4493, -3.9191, 3.9906

**Achromatomaly**

75.2282, -17.5399, 11.5940

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.5276, -38.2418, 24.2189 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(143, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 227, 158)  
}
```

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(143, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 227, 158) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.5276, -38.2418, 24.2189 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(143, 227, 158) }
```



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

```
.border{ border-color:rgb(143, 227, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 227, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 227,  
158) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.5276, -38.2418, 24.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 227, 158) }
```

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

```
.background{ background-color: rgb(143,  
227, 158) }
```

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