

# Converting Colors

HunterLab(81.4478, -47.5416,  
17.5324)

Have a look what the booklet for  
HunterLab(81.4478, -47.5416,  
17.5324) contains.

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# Color

**HunterLab(81.4478,  
-47.5415, 17.5323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FEDB5
RGB	95, 237, 181
RGB Percent	37%, 93%, 71%
CMY	0.6274, 0.0706, 0.2902
CMYK	0.60, 0.00, 0.24, 0.07
HSL	156°, 80%, 65%
HSV	156°, 60%, 93%
XYZ	43.3440, 66.3374, 54.2360
YIQ	188.1580, -66.6560, -47.5200

# Conversions

## Conversions Part 2

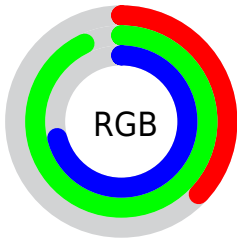
Format	Color
<b>RYB</b>	95, 183, 237
Decimal	6286773
CIELab	85.17, -51.21, 15.89
CIELCh	85, 53.621, 162.764
Yxy	66.3401, 0.2644, 0.4047
Android (android.graphics.Color)	4284476853 (0xFF5FEDB5)
YUV	188.1580, -3.5289, -81.6996
Hunter-Lab	81.4478, -47.5415, 17.5323

# Details

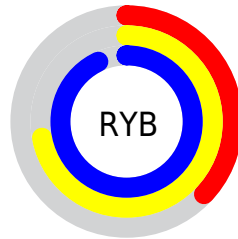
The HunterLab color **81.4478, -47.5415, 17.5323** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **53.3150, 56.0386, 1.2714**, and the grayscale version is **71.0172, -3.7893, 3.8585**.

A 20% lighter version of the original color is **92.0883, -35.2569, 4.5423**, and **58.4872, -40.6114, 14.6261** is the 20% darker color. If you saturate the color by 10%, you get **80.5525, -51.6211, 20.1325**, and if you desaturate by 10%, it is **82.5862, -42.5410, 15.0272**.

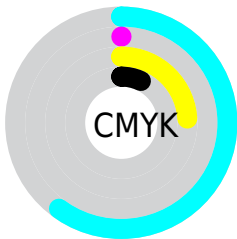
# Distribution



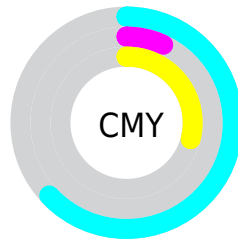
- Red (37%)
- Green (93%)
- Blue (71%)



- Red (37%)
- Yellow (72%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)




- Cyan (63%)
- Magenta (7%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.4478, -47.5415, 17.5323 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 81.4478, -47.5415, 17.5323 by changing the saturation by 10% instead.




 81.4478, -47.5415,  
17.5323


 81.4478, -47.5415,  
17.5323


211.5637,  
-74.1514, 30.3307


 69.6768, -44.1772,  
16.1005


 106.7588,  
-53.9296, 20.3705

 58.5333, -40.6633,  
14.6505


 120.2438,  
-56.9889, 21.7836

 48.0568, -36.9634,  
13.1742


 134.2532,  
-59.9768, 23.1970

 38.2927, -33.0251,  
11.6584

 148.7681,  
-62.9037, 24.6129

 29.2975, -28.7719,  
10.0836

163.7713,  
-65.7781, 26.0330

 21.1435, -24.0859,  
8.4183

179.2474,

 13.9287, -19.9411,

-68.6071, 27.4586

6.6950

195.1825,  
-71.3965, 28.8909

■ 7.5651, -13.2389,  
5.2956

0.0000, NaN, NaN

■ 81.4478, -47.5415,  
17.5323

■ 81.4478, -47.5415,  
17.5323

■ 80.5525, -51.6211,  
20.1325

■ 82.5862, -42.5410,  
15.0272

■ 79.8806, -54.7993,  
22.7846


■ 83.9722, -36.6271,  
12.6514


■ 79.4118, -57.1374,  
25.4447


■ 85.6123, -29.8366,  
10.4371


■ 79.1036, -58.7927,  
28.0531

■ 87.5073, -22.2255,  
8.4098

 79.1013, -58.8056,  
28.0747

 89.6546, -13.8639,  
6.5888

 92.0490, -4.8306,  
4.9873

 94.0803, 2.7523,  
2.8544

 94.3667, 4.2952,  
-1.2180

# Harmonies

## Analogous

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



81.4494, -36.1520, 32.6038



81.4478, -47.5415, 17.5323



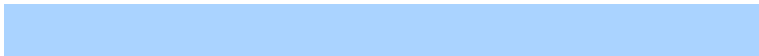
81.4494, -48.3421, -7.0236

# Triad

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



81.4494, -47.5423, 17.5331



81.4494, 7.2203, -58.4554



81.4494, 36.5538, 30.9640

# Complementary

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



81.4478, -47.5415, 17.5323



53.3150, 56.0386, 1.2714

# 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.



81.4494, 51.5657, 14.4355



81.4478, -47.5415, 17.5323



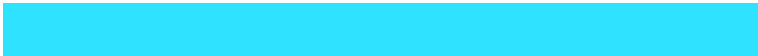
81.4494, 33.2306, -39.8058

# Square

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



81.4494, -47.5423, 17.5331



81.4494, -18.9113, -56.8084



81.4494, 50.2771, -11.2838



81.4494, 11.3114, 38.4801



# Rectangle

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



81.4478, -47.5415, 17.5323



81.4494, -42.9363, -26.4164



81.4494, 50.2771, -11.2838



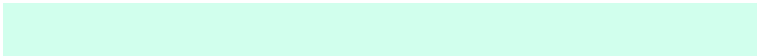
81.4494, 43.1003, 26.5521

# Sweetspot

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



81.4494, -47.5423, 17.5331



95.4978, -22.5349, 8.7562



82.4945, -46.4256, 42.2382



43.8833, -11.6046, 4.3328

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.4494, -47.5423, 17.5331



87.3365, -56.9986, 22.5563



78.2422, -31.2010, -13.0496



41.2497, -6.1893, 2.9924



58.4690, -43.3101, 20.4129



16.4417, -11.7832, 4.8858



# Inverse Universe

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



53.3150, 56.0386, 1.2714



52.7497, 71.9367, 4.1928



54.6007, 43.3323, 22.6460



38.9261, 2.0917, 1.4682



32.0779, 56.3687, 9.6093

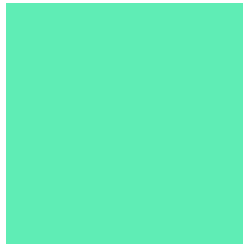


9.0910, 16.1690, 1.2200



# Previews

## White Background



This preview shows how the HunterLab color 81.4478, -47.5415, 17.5323 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

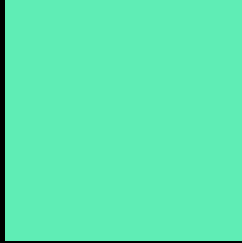
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.4478, -47.5415, 17.5323 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

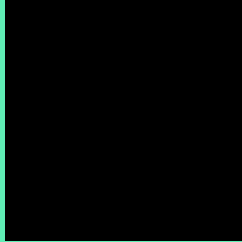
Any Text WCAG AA ✓ Pass

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 81.4478, -47.5415, 17.5323 Background



This preview shows how black text looks on a background with the HunterLab color 81.4478, -47.5415, 17.5323.



This preview shows how white text looks on a background with the HunterLab color 81.4478,

-47.5415, 17.5323.

# 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

81.4478, -47.5415, 17.5323

### Protanopia

80.7855, -6.3650, 22.4796

### Deuteranopia

80.5407, 6.1439, 14.7126



## Tritanopia

81.2306, -28.1763, -14.6672

# Trichromacy



## Original Color

81.4478, -47.5415, 17.5323



## Protanomaly

79.7187, -24.7134, 19.2857



## Deuteranomaly

79.1634, -17.7878, 14.0924



## Tritanomaly

81.0745, -35.7554, -1.7220

# Monochromacy



## Original Color

81.4478, -47.5415, 17.5323



## Achromatopsia

70.9145, -3.7838, 3.8529



## Achromatomaly

73.8346, -22.4636, 8.2459

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.4478, -47.5415, 17.5323 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(95, 237, 181)` looks like.

```
.text, #text, p{  
    color:rgb(95, 237, 181)  
}
```

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(95, 237, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 237, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.4478, -47.5415, 17.5323 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(95, 237, 181) }
```



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

```
.border{ border-color:rgb(95, 237, 181) }
```

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

Here you see how a box with a 4 pixel rgb(95, 237, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 237, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 237, 181);  
box-shadow:4px 4px 4px 4px rgb(95, 237,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.4478, -47.5415, 17.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 237, 181) }
```

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

```
.background{ background-color: rgb(95, 237,  
181) }
```

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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