

# Converting Colors

HunterLab(79.9071, -46.7078,  
31.6308)

Have a look what the booklet for  
HunterLab(79.9071, -46.7078,  
31.6308) contains.

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# Color

**HunterLab(79.8714,  
-46.7672, 31.6552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE886
RGB	125, 232, 134
RGB Percent	49%, 91%, 53%
CMY	0.5098, 0.0902, 0.4745
CMYK	0.46, 0.00, 0.42, 0.09
HSL	125°, 70%, 70%
HSV	125°, 46%, 91%
XYZ	41.6171, 63.7944, 32.6744
YIQ	188.8350, -32.3140, -53.1620

# Conversions

## Conversions Part 2

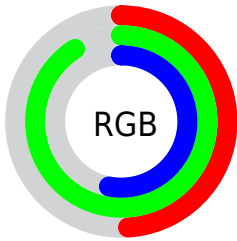
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 224, 232
Decimal	8251526
CIELab	83.86, -50.75, 38.27
CIElCh	84, 63.562, 142.979
Yxy	63.7971, 0.3014, 0.4620
Android (android.graphics.Color)	4286441606 (0xFF7DE886)
YUV	188.8350, -27.0337, -55.9833
Hunter-Lab	79.8714, -46.7672, 31.6552

# Details

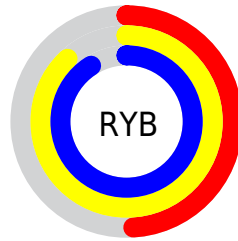
The HunterLab color **79.8714, -46.7672, 31.6552** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **60.9524, 51.2786, -29.4537**, and the grayscale version is **71.3879, -3.8091, 3.8786**.

A 20% lighter version of the original color is **92.3137, -37.0901, 25.6768**, and **56.9585, -39.7014, 25.8839** is the 20% darker color. If you saturate the color by 10%, you get **78.5593, -52.7686, 35.7480**, and if you desaturate by 10%, it is **81.4895, -39.5570, 26.8779**.

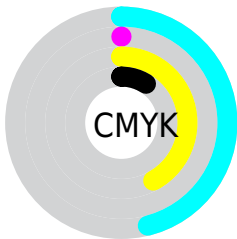
# Distribution



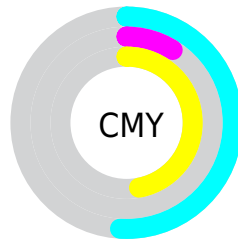
- Red (49%)
- Green (91%)
- Blue (53%)



- Red (49%)
- Yellow (88%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)




- Cyan (51%)
- Magenta (9%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8714, -46.7672, 31.6552 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 79.8714, -46.7672, 31.6552 by changing the saturation by 10% instead.





 79.8714, -46.7672,  
31.6552


 79.8714, -46.7672,  
31.6552


209.3935,  
-73.2611, 53.4829


 68.1809, -43.4127,  
28.9354


 105.0327,  
-53.1330, 36.8427

 57.1225, -39.9059,  
26.1038


 118.4476,  
-56.1797, 39.3381

 46.7365, -36.2096,  
23.1336


 132.3894,  
-59.1545, 41.7826

 37.0696, -32.2696,  
19.9881

146.8391,  
-62.0681, 44.1844

 28.1800, -28.0059,  
16.6192

161.7792,  
-64.9290, 46.5502

 20.1428, -23.2944,  
13.5099

177.1943,

 13.0601, -19.8549,

-67.7443, 48.8855

9.1421

193.0700,  
-70.5200, 51.1951

■ 6.5370, -11.4398,  
4.5759

0.0000, NaN, NaN

■ 79.8714, -46.7672,  
31.6552

■ 79.8714, -46.7672,  
31.6552

■ 78.5593, -52.7686,  
35.7480

■ 81.4895, -39.5570,  
26.8779

■ 77.5403, -57.5201,  
39.1173


■ 83.4106, -31.2076,  
21.4696


■ 76.8015, -61.0308,  
41.7502


■ 85.6333, -21.8195,  
15.4992


■ 76.3202, -63.3622,  
43.6609

■ 88.1505, -11.5082,  
9.0414

 76.0634, -64.6401,  
44.8937

 90.9522, -0.3955,  
2.1724

 76.0030, -64.9433,  
45.1969

 92.8416, 7.0027,  
-3.0867

# Harmonies

## Analogous

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



79.8731, -26.3777, 41.0788



79.8714, -46.7672, 31.6552



79.8731, -55.5431, 11.0178

# Triad

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



79.8731, -46.7685, 31.6558



79.8731, -11.4723, -75.6364



79.8731, 58.8578, 23.5836

# Complementary

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



79.8714, -46.7672, 31.6552



60.9524, 51.2786, -29.4537

# 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.



79.8731, 64.4763, -2.9523



79.8714, -46.7672, 31.6552



79.8731, 20.5478, -68.1227

# Square

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



79.8731, -46.7685, 31.6558



79.8731, -37.2938, -56.0084



79.8731, 49.5388, -38.2468



79.8731, 35.1893, 37.8244



# Rectangle

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



79.8714, -46.7672, 31.6552



79.8731, -54.7514, -9.5715



79.8731, 49.5388, -38.2468



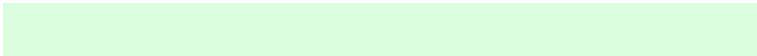
79.8731, 63.0551, 16.1399

# Sweetspot

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



79.8731, -46.7685, 31.6558



95.8733, -22.0167, 15.8220



86.5438, -21.4745, 39.6596



44.0873, -11.2982, 8.0207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8731, -46.7685, 31.6558



87.5605, -58.2351, 39.4432



81.0442, -39.7852, 14.6758



40.1357, -6.9139, 5.1688



56.6345, -48.3464, 33.5778



15.4177, -13.0030, 8.7989



# Inverse Universe

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



60.9524, 51.2786, -29.4537



63.2043, 68.8701, -39.5407



58.9158, 41.8117, -1.0298



38.2011, 2.9577, -1.0173



34.9084, 67.4063, -36.5480

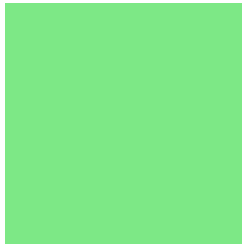


9.5221, 18.4377, -10.3644



# Previews

## White Background



This preview shows how the HunterLab color 79.8714, -46.7672, 31.6552 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 79.8714, -46.7672, 31.6552 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

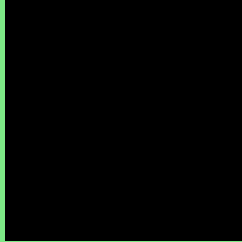
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

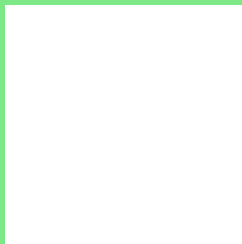
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.8714, -46.7672, 31.6552 Background



This preview shows how black text looks on a background with the HunterLab color 79.8714, -46.7672, 31.6552.



This preview shows how white text looks on a background with the HunterLab color 79.8714, -46.7672, 31.6552.

-46.7672, 31.6552.

# 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

79.8714, -46.7672, 31.6552

### Protanopia

79.3242, -8.4462, 34.2295

### Deuteranopia

79.2189, 5.6140, 29.7593



## Tritanopia

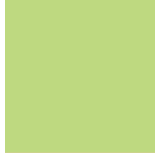
79.7261, -20.7273, -11.3908

# Trichromacy



## Original Color

79.8714, -46.7672, 31.6552



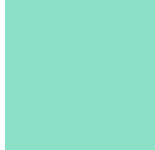
## Protanomaly

78.8235, -24.8394, 32.7746



## Deuteranomaly

78.1979, -16.8165, 29.3708



## Tritanomaly

79.3539, -31.5081, 7.5184

# Monochromacy



## Original Color

79.8714, -46.7672, 31.6552



## Achromatopsia

71.3359, -3.8063, 3.8758



## Achromatomaly

73.9150, -21.3585, 15.0630

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8714, -46.7672, 31.6552 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(125, 232, 134)` looks like.

```
.text, #text, p{  
    color:rgb(125, 232, 134)  
}
```

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(125, 232, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 232, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8714, -46.7672, 31.6552 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(125, 232, 134) }
```



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

```
.border{ border-color:rgb(125, 232, 134) }
```

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

Here you see how a box with a 4 pixel rgb(125, 232, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 232, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 232, 134);  
box-shadow:4px 4px 4px 4px rgb(125, 232,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.8714, -46.7672, 31.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 232, 134) }
```

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

```
.background{ background-color: rgb(125,  
232, 134) }
```

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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