

# Converting Colors

HunterLab(79.4438, -44.6721,  
31.8126)

Have a look what the booklet for  
HunterLab(79.4438, -44.6721,  
31.8126) contains.

<b>HunterLab(79.4765, -44.8048, 31.9035)</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(79.4765,  
-44.8048, 31.9035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E684
RGB	132, 230, 132
RGB Percent	52%, 90%, 52%
CMY	0.4823, 0.0980, 0.4823
CMYK	0.43, 0.00, 0.43, 0.10
HSL	120°, 66%, 71%
HSV	120°, 43%, 90%
XYZ	41.9774, 63.1651, 31.8094
YIQ	189.5260, -26.9500, -51.2540

# Conversions

## Conversions Part 2

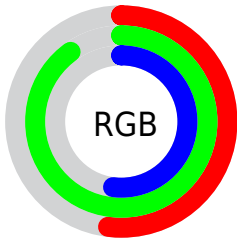
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 230, 230
Decimal	8709764
CIELab	83.53, -48.24, 38.90
CIElCh	84, 61.964, 141.119
Yxy	63.1678, 0.3065, 0.4612
Android (android.graphics.Color)	4286899844 (0xFF84E684)
YUV	189.5260, -28.3603, -50.4503
Hunter-Lab	79.4765, -44.8048, 31.9035

# Details

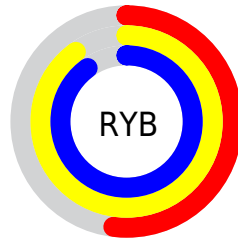
The HunterLab color  $79.4765, -44.8048, 31.9035$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $62.4819, 48.2659, -31.6945$ , and the grayscale version is  $71.6832, -3.8248, 3.8947$ .

A 20% lighter version of the original color is  $92.6736, -35.8080, 26.7580$ , and  $56.8876, -38.2951, 26.2702$  is the 20% darker color. If you saturate the color by 10%, you get  $78.0715, -51.1944, 36.2230$ , and if you desaturate by 10%, it is  $81.1982, -37.1653, 26.7390$ .

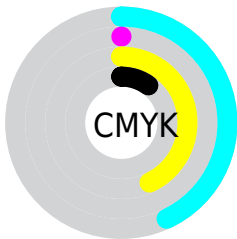
# Distribution



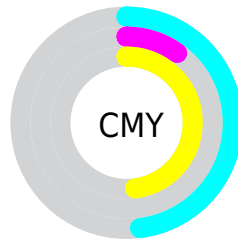
- Red (52%)
- Green (90%)
- Blue (52%)



- Red (52%)
- Yellow (90%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)




- Cyan (48%)
- Magenta (10%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.4765, -44.8048, 31.9035 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 79.4765, -44.8048, 31.9035 by changing the saturation by 10% instead.





 79.4765, -44.8048,  
31.9035


 79.4765, -44.8048,  
31.9035


208.8488,  
-70.2865, 54.0087


 67.8063, -41.5923,  
29.1427


 104.6000,  
-50.9101, 37.1648

 56.7694, -38.2371,  
26.2668


 117.9971,  
-53.8360, 39.6938

 46.4063, -34.7040,  
23.2482


 131.9220,  
-56.6954, 42.1701

 36.7640, -30.9413,  
20.0497

146.3552,  
-59.4982, 44.6020

 27.9012, -26.8725,  
16.6224

161.2794,  
-62.2526, 46.9966

 19.8936, -22.3779,  
13.5765

176.6791,

 12.8446, -19.0568,

-64.9651, 49.3595

8.9912

192.5399,  
-67.6415, 51.6955

■ 6.2519, -10.9408,  
4.3763

0.0000, NaN, NaN

■ 79.4765, -44.8048,  
31.9035

■ 79.4765, -44.8048,  
31.9035

■ 78.0715, -51.1944,  
36.2230

■ 81.1982, -37.1653,  
26.7390

■ 76.9718, -56.2810,  
39.6623


■ 83.2321, -28.3574,  
20.7861


■ 76.1655, -60.0639,  
42.2203


■ 85.5752, -18.4939,  
14.1208

■ 75.6310, -62.5975,  
43.9337

■ 88.2190, -7.6999,  
6.8283

 75.3364, -64.0027,  
44.8841

 91.1518, 3.8943,  
-1.0032

 75.2304, -64.5100,  
45.2272

 92.2367, 8.0894,  
-3.8366

# Harmonies

## Analogous

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



79.4782, -24.2207, 40.6705



79.4765, -44.8048, 31.9035



79.4782, -54.1264, 12.4371

# Triad

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



79.4782, -44.8062, 31.9041



79.4782, -13.0652, -72.5094



79.4782, 57.9316, 21.8601

# Complementary

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



79.4765, -44.8048, 31.9035



62.4819, 48.2659, -31.6945

# 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.



79.4782, 62.1122, -4.7413



79.4765, -44.8048, 31.9035



79.4782, 17.9219, -66.9462

# Square

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



79.4782, -44.8062, 31.9041



79.4782, -37.6956, -52.2426



79.4782, 46.5441, -39.0668



79.4782, 35.8556, 36.5709



# Rectangle

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



79.4765, -44.8048, 31.9035



79.4782, -53.8347, -7.1565



79.4782, 46.5441, -39.0668



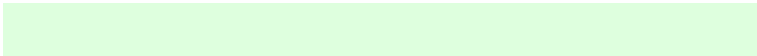
79.4782, 61.5950, 14.3161

# Sweetspot

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



79.4782, -44.8062, 31.9041



96.0686, -21.3288, 16.2380



86.6521, -17.5426, 38.1506



44.1632, -11.0454, 8.3083

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.4782, -44.8062, 31.9041



87.9521, -56.6846, 40.1348



80.5221, -38.5986, 16.7515



40.1113, -7.0504, 5.5184



56.6040, -48.5379, 34.0293



15.3872, -13.1945, 9.2504



# Inverse Universe

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



62.4819, 48.2659, -31.6945



65.6768, 66.1207, -43.7786



60.5499, 39.1574, -4.8119



38.2299, 3.1119, -1.4263



35.7192, 70.2249, -47.1096



9.7099, 19.0899, -12.8063



# Previews

## White Background



This preview shows how the HunterLab color 79.4765, -44.8048, 31.9035 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 79.4765, -44.8048, 31.9035 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

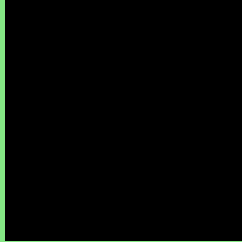
Any Text WCAG AA ✓ Pass

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 79.4765, -44.8048, 31.9035 Background



This preview shows how black text looks on a background with the HunterLab color 79.4765, -44.8048, 31.9035.



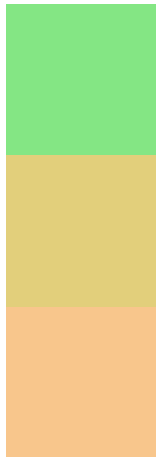
This preview shows how white text looks on a background with the HunterLab color 79.4765,

-44.8048, 31.9035.

# 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

79.4765, -44.8048, 31.9035

### Protanopia

78.8825, -8.4911, 34.3738

### Deuteranopia

78.8911, 5.9312, 30.0697



## Tritanopia

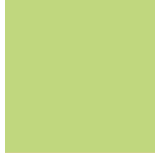
79.3179, -19.0747, -10.2100

# Trichromacy



## Original Color

79.4765, -44.8048, 31.9035



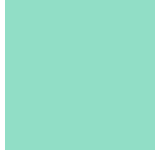
## Protanomaly

78.3031, -23.4957, 32.8928



## Deuteranomaly

78.1160, -15.5592, 29.8992



## Tritanomaly

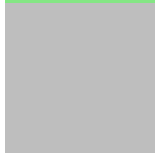
78.9554, -29.6744, 8.0132

# Monochromacy



## Original Color

79.4765, -44.8048, 31.9035



## Achromatopsia

71.7578, -3.8288, 3.8987



## Achromatomaly

74.1365, -20.5369, 15.3039

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.4765, -44.8048, 31.9035 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(132, 230, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 230, 132)  
}
```

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(132, 230, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 230, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.4765, -44.8048, 31.9035 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(132, 230, 132) }
```



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

```
.border{ border-color:rgb(132, 230, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 230, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 230, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 230, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 230,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.4765, -44.8048, 31.9035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 230, 132) }
```

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

```
.background{ background-color: rgb(132,  
230, 132) }
```

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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