

# Converting Colors

HunterLab(76.9686, -48.6943,  
34.5143)

Have a look what the booklet for  
HunterLab(76.9686, -48.6943,  
34.5143) contains.

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# Color

**HunterLab(76.8737,  
-48.6454, 34.4683)**

# Conversions

| Conversions Part 1 |                              |
|--------------------|------------------------------|
| Format             | Color                        |
| Hex                | 71E271                       |
| RGB                | 113, 226, 113                |
| RGB Percent        | 44%, 89%, 44%                |
| CMY                | 0.5569, 0.1137, 0.5569       |
| CMYK               | 0.50, 0.00, 0.50, 0.11       |
| HSL                | 120°, 66%, 66%               |
| HSV                | 120°, 50%, 89%               |
| XYZ                | 36.9870, 59.0957, 25.0800    |
| YIQ                | 179.3310, -31.0750, -59.0990 |

# Conversions

## Conversions Part 2

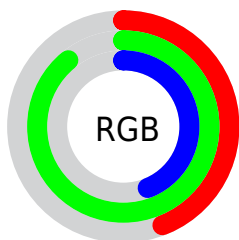
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">113, 226, 226</a>                              |
| Decimal                             | <a href="#">7463537</a>                                    |
| CIELab                              | <a href="#">81.35, -54.55, 45.24</a>                       |
| CIELCh                              | <a href="#">81, 70.865, 140.331</a>                        |
| Yxy                                 | <a href="#">59.0981, 0.3053, 0.4877</a>                    |
| Android<br>(android.graphics.Color) | <a href="#">4285653617</a><br><a href="#">(0xFF71E271)</a> |
| YUV                                 | <a href="#">179.3310, -32.7012, -58.1723</a>               |
| Hunter-Lab                          | <a href="#">76.8737, -48.6454, 34.4683</a>                 |

# Details

The HunterLab color **76.8737, -48.6454, 34.4683** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **57.8541, 56.1028, -37.1072**, and the grayscale version is **67.4217, -3.5975, 3.6631**.

A 20% lighter version of the original color is **91.0867, -42.7433, 31.5819**, and **54.5568, -41.3834, 28.0953** is the 20% darker color. If you saturate the color by 10%, you get **75.7192, -53.9702, 38.0682**, and if you desaturate by 10%, it is **78.3341, -42.0582, 30.0147**.

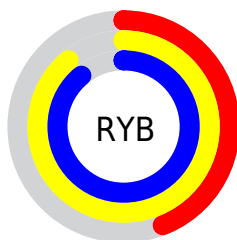
# Distribution



Red (44%)

Green (89%)

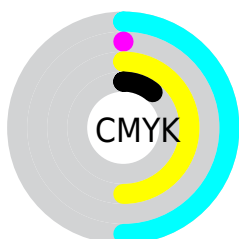
Blue (44%)



Red (44%)

Yellow (89%)

Blue (89%)

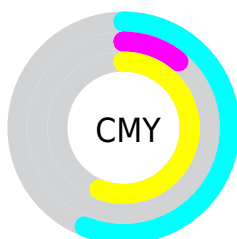


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (56%)

Magenta (11%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8737, -48.6454, 34.4683 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 76.8737, -48.6454, 34.4683 by changing the saturation by 10% instead.




 76.8737, -48.6454,  
34.4683

 76.8737, -48.6454,  
34.4683


205.2475,  
-76.8696, 59.4088

 65.3392, -45.0293,  
31.2931


 101.7449,  
-55.4762, 40.4795

 54.4460, -41.2353,  
27.9712


 115.0240,  
-58.7328, 43.3512

 44.2360, -37.2192,  
24.4701


 128.8353,  
-61.9055, 46.1521

 34.7586, -32.9161,  
20.7489

143.1589,  
-65.0067, 48.8929

 26.0754, -28.2300,  
16.8527

157.9772,  
-68.0461, 51.5823

 18.2671, -23.0115,  
12.7870


173.2743,

 11.4457, -20.0300,


-71.0320, 54.2275


8.0120


189.0355,  
-73.9712, 56.8347


 3.8595, -6.7541,  
2.7016


0.0000, NaN, NaN


 76.8737, -48.6454,  
34.4683


 76.8737, -48.6454,  
34.4683


 75.7192, -53.9702,  
38.0682


 78.3341, -42.0582,  
30.0147


 74.8544, -58.0138,  
40.8025


 80.1001, -34.2634,  
24.7458


 74.2620, -60.8149,  
42.6967


 82.1724, -25.3536,  
18.7242


 73.9140, -62.4730,  
43.8181

 84.5454, -15.4422,  
12.0270

 73.7530, -63.2432,  
44.3390

 87.2098, -4.6539,  
4.7387

 90.1536, 6.8846,  
-3.0547

 91.0357, 10.2695,  
-5.3408

# Harmonies

## Analogous

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



76.8753, -25.7452, 42.8728



76.8737, -48.6454, 34.4683



76.8753, -59.0059, 14.0114

# Triad

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



76.8753, -48.6466, 34.4688



76.8753, -14.8928, -87.1569



76.8753, 68.1909, 22.9785

# Complementary

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



76.8737, -48.6454, 34.4683



57.8541, 56.1028, -37.1072

# 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.



76.8753, 72.4856, -7.1397



76.8737, -48.6454, 34.4683



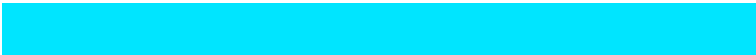
76.8753, 20.2279, -81.1794

# Square

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



76.8753, -48.6466, 34.4688



76.8753, -41.9053, -61.6339



76.8753, 53.6603, -47.7308



76.8753, 42.7889, 38.5501



# Rectangle

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



76.8737, -48.6454, 34.4683



76.8753, -58.9137, -7.9644



76.8753, 53.6603, -47.7308



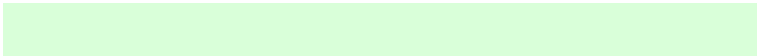
76.8753, 72.3051, 14.6261

# Sweetspot

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



76.8753, -48.6466, 34.4688



95.5145, -23.6377, 17.7981



84.7094, -18.5564, 40.9377



43.9261, -12.0399, 8.9803

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.8753, -48.6466, 34.4688



86.7780, -62.0994, 43.7960



77.9675, -42.0816, 18.5738



39.1628, -6.8719, 5.3799



55.7055, -47.7675, 33.4891



14.6660, -12.5760, 8.8168



# Inverse Universe

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



57.8541, 56.1028, -37.1072



61.6300, 77.6303, -51.6782



55.5548, 45.6930, -5.2918



37.3305, 3.0251, -1.3835



35.1522, 69.1101, -46.3615

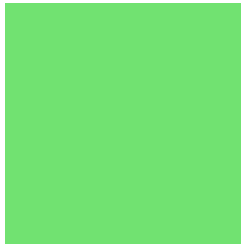


9.2547, 18.1951, -12.2060



# Previews

## White Background



This preview shows how the HunterLab color 76.8737, -48.6454, 34.4683 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

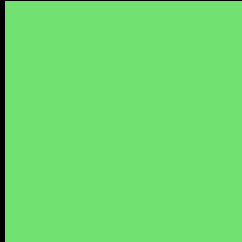
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.8737, -48.6454, 34.4683 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 76.8737, -48.6454, 34.4683 Background



This preview shows how black text looks on a background with the HunterLab color 76.8737, -48.6454, 34.4683.



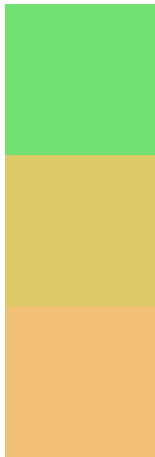
This preview shows how white text looks on a background with the HunterLab color 76.8737, -48.6454, 34.4683.

-48.6454, 34.4683.

# 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

76.8737, -48.6454, 34.4683

### Protanopia

76.2528, -8.8970, 36.6476

### Deuteranopia


76.2621, 5.3972, 32.7722




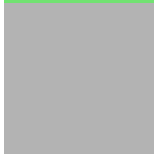
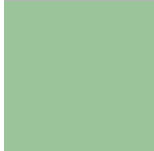
## Tritanopia

76.6192, -20.9568, -11.0855

# Trichromacy

|   |   |
|---|---|
|  | <b>Original Color</b><br>76.8737, -48.6454, 34.4683 |
|  | <b>Protanomaly</b><br>75.5644, -25.9570, 35.1939    |
|  | <b>Deuteranomaly</b><br>75.0023, -17.7609, 32.1085  |
|  | <b>Tritanomaly</b><br>76.4184, -33.0716, 10.0337    |

# Monochromacy

|   |   |
|---|---|
|   | <b>Original Color</b><br>76.8737, -48.6454, 34.4683 |
|  | <b>Achromatopsia</b><br>67.1406, -3.5825, 3.6479    |
|  | <b>Achromatomaly</b><br>69.8677, -22.1859, 16.3483  |

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.8737, -48.6454, 34.4683 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(113, 226, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 226, 113)  
}
```

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(113, 226, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 226, 113) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.8737, -48.6454, 34.4683 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(113, 226, 113) }
```



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

```
.border{ border-color:rgb(113, 226, 113) }
```

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

Here you see how a box with a 4 pixel rgb(113, 226, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 226, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 226, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 226,  
113) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.8737, -48.6454, 34.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 226, 113) }
```

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

```
.background{ background-color: rgb(113,  
226, 113) }
```

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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