

# Converting Colors

HunterLab(76.5419, -53.7736,  
34.8691)

Have a look what the booklet for  
HunterLab(76.5419, -53.7736,  
34.8691) contains.

<b>HunterLab(76.5448, -53.7438, 34.7992)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(76.5448,  
-53.7438, 34.7992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56E46E
RGB	86, 228, 110
RGB Percent	34%, 89%, 43%
CMY	0.6627, 0.1059, 0.5686
CMYK	0.62, 0.00, 0.52, 0.11
HSL	130°, 72%, 62%
HSV	130°, 62%, 89%
XYZ	34.3957, 58.5911, 24.2482
YIQ	172.0900, -46.7540, -66.8020

# Conversions

## Conversions Part 2

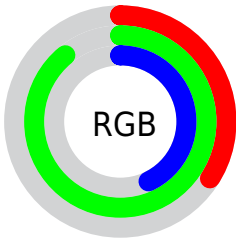
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 207, 228
Decimal	5694574
CIELab	81.07, -62.08, 46.13
CIELCh	81, 77.343, 143.387
Yxy	58.5935, 0.2934, 0.4998
Android (android.graphics.Color)	4283884654 (0xFF56E46E)
YUV	172.0900, -30.6104, -75.5009
Hunter-Lab	76.5448, -53.7438, 34.7992

# Details

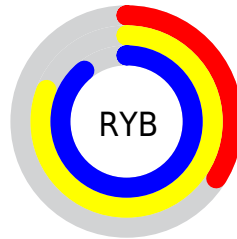
The HunterLab color  $76.5448, -53.7438, 34.7992$  is a dark color, and the websafe version is hex  $33CC66$ . The color can be described as middle muted spring green. A complement of this color would be  $52.4502, 65.5213, -31.1116$ , and the grayscale version is  $64.4049, -3.4365, 3.4992$ .

A 20% lighter version of the original color is  $89.7719, -48.0280, 31.2798$ , and  $54.2506, -44.5096, 28.2749$  is the 20% darker color. If you saturate the color by 10%, you get  $75.7026, -57.7382, 37.8750$ , and if you desaturate by 10%, it is  $77.6604, -48.5961, 31.1605$ .

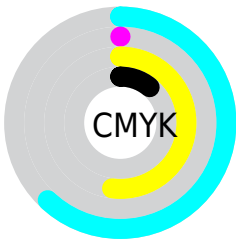
# Distribution



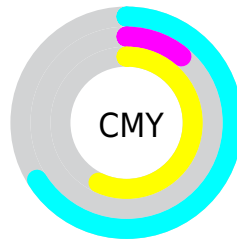
- Red (34%)
- Green (89%)
- Blue (43%)



- Red (34%)
- Yellow (81%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)
- Black (11%)




- Cyan (66%)
- Magenta (11%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5448, -53.7438, 34.7992 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 76.5448, -53.7438, 34.7992 by changing the saturation by 10% instead.





 76.5448, -53.7438,  
34.7992


 76.5448, -53.7438,  
34.7992


204.7911,  
-85.1715, 60.1453


 65.0277, -49.6668,  
31.5649


 101.3837,  
-61.4115, 40.9177


 54.1528, -45.3765,  
28.1795


 114.6477,  
-65.0525, 43.8383

 43.9625, -40.8205,  
24.6101


 128.4445,  
-68.5910, 46.6857

 34.5063, -35.9232,  
20.8157

 142.7541,  
-72.0415, 49.4707

 25.8462, -30.5742,  
16.8996

157.5589,  
-75.4159, 52.2023

 18.0636, -24.6817,  
12.6445

172.8429,

 11.2717, -19.7254,

-78.7237, 54.8879

7.8902

188.5914,  
-81.9733, 57.5338

■ 3.4379, -6.0164,  
2.4066

0.0000, NaN, NaN

■ 76.5448, -53.7438,  
34.7992

■ 76.5448, -53.7438,  
34.7992

■ 75.7026, -57.7382,  
37.8750

■ 77.6604, -48.5961,  
31.1605

■ 75.1117, -60.6065,  
40.3681


■ 79.0554, -42.3059,  
26.9929


■ 74.7479, -62.4324,  
42.2790

■ 80.7360, -34.9246,  
22.3455

■ 74.5872, -63.2720,  
43.3586

■ 82.7021, -26.5310,  
17.2765

 84.9494, -17.2228,  
11.8486

 87.4704, -7.1080,  
6.1257

 90.2548, 3.7020,  
0.1690

 91.6347, 9.1786,  
-4.5881

# Harmonies

## Analogous

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



76.5464, -30.6303, 44.1475



76.5448, -53.7438, 34.7992



76.5464, -63.2973, 11.6438

# Triad

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



76.5464, -53.7449, 34.7997



76.5464, -12.2068, -99.9121



76.5464, 73.8656, 26.6781

# Complementary

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



76.5448, -53.7438, 34.7992



52.4502, 65.5213, -31.1116

# 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.



76.5464, 81.3945, -4.1502



76.5448, -53.7438, 34.7992



76.5464, 26.6490, -89.1608

# Square

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



76.5464, -53.7449, 34.7997



76.5464, -42.4803, -73.7491



76.5464, 62.7240, -48.9906



76.5464, 43.7746, 41.2823



# Rectangle

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



76.5448, -53.7438, 34.7992



76.5464, -62.3078, -13.4539



76.5464, 62.7240, -48.9906



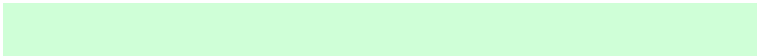
76.5464, 79.3306, 18.3925

# Sweetspot

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



76.5464, -53.7449, 34.7997



94.6644, -26.8843, 17.7052



83.0940, -28.5139, 44.4207



43.4702, -13.8021, 8.9954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.5464, -53.7449, 34.7997



85.7015, -66.7217, 43.9723



77.9681, -45.1222, 14.1451



40.1606, -6.7747, 4.8122



56.6875, -48.0137, 32.7934



15.4484, -12.8105, 8.3450



# Inverse Universe

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



52.4502, 65.5213, -31.1116



54.9626, 86.7720, -39.6739



49.8531, 54.4780, 5.1372



38.1722, 2.8035, -0.6082



34.1655, 64.7980, -26.6707

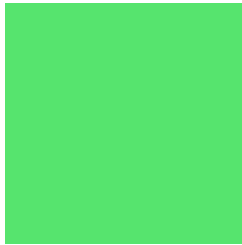


9.3472, 17.8250, -8.0498



# Previews

## White Background



This preview shows how the HunterLab color 76.5448, -53.7438, 34.7992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

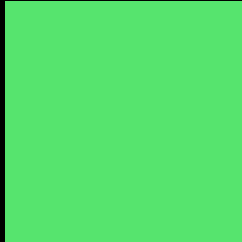
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.5448, -53.7438, 34.7992 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

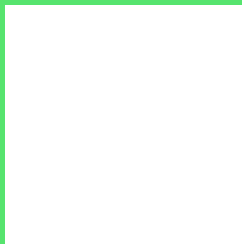
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.5448, -53.7438, 34.7992 Background



This preview shows how black text looks on a background with the HunterLab color 76.5448, -53.7438, 34.7992.



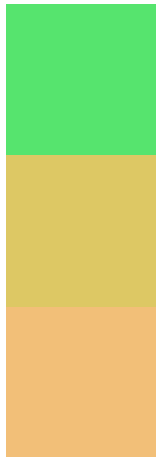
This preview shows how white text looks on a background with the HunterLab color 76.5448,

-53.7438, 34.7992.

# 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

76.5448, -53.7438, 34.7992

### Protanopia

75.8952, -8.6976, 37.1953

### Deuteranopia

75.8254, 5.3470, 32.9226



## Tritanopia

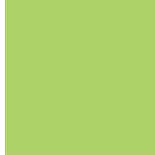
76.3865, -25.0768, -12.6269

# Trichromacy



## Original Color

76.5448, -53.7438, 34.7992



## Protanomaly

74.7418, -29.1588, 35.1559



## Deuteranomaly

74.0007, -21.5510, 31.9832



## Tritanomaly

76.1203, -37.6912, 9.1875

# Monochromacy



## Original Color

76.5448, -53.7438, 34.7992



## Achromatopsia

64.2295, -3.4271, 3.4897



## Achromatomaly

67.4773, -24.8137, 16.1611

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.5448, -53.7438, 34.7992 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(86, 228, 110)` looks like.

```
.text, #text, p{  
    color:rgb(86, 228, 110)  
}
```

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(86, 228, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 228, 110) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.5448, -53.7438, 34.7992 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(86, 228, 110) }
```



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

```
.border{ border-color:rgb(86, 228, 110) }
```

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

Here you see how a box with a 4 pixel rgb(86, 228, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 228, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 228, 110);  
box-shadow:4px 4px 4px 4px rgb(86, 228,  
110) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.5448, -53.7438, 34.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 228, 110) }
```

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

```
.background{ background-color: rgb(86, 228,  
110) }
```

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