

# Converting Colors

HunterLab(74.1266, -57.2931,  
40.0311)

Have a look what the booklet for  
HunterLab(74.1266, -57.2931,  
40.0311) contains.

<b>HunterLab(74.1261, -57.2962, 40.0385)</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(74.1261,  
-57.2962, 40.0385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43E046
RGB	67, 224, 70
RGB Percent	26%, 88%, 27%
CMY	0.7373, 0.1216, 0.7255
CMYK	0.70, 0.00, 0.69, 0.12
HSL	121°, 72%, 57%
HSV	121°, 70%, 88%
XYZ	30.0759, 54.9468, 14.8149
YIQ	159.5010, -44.1380, -81.1780

# Conversions

## Conversions Part 2

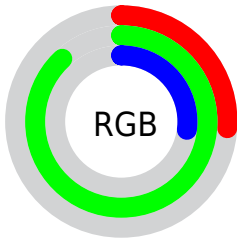
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 221, 224
Decimal	4448326
CIELab	79.01, -68.81, 60.94
CIELCh	79, 91.918, 138.469
Yxy	54.9491, 0.3012, 0.5504
Android (android.graphics.Color)	4282638406 (0xFF43E046)
YUV	159.5010, -44.1240, -81.1234
Hunter-Lab	74.1261, -57.2962, 40.0385

# Details

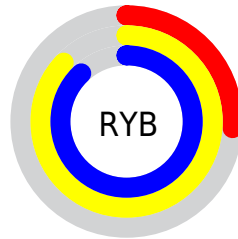
The HunterLab color **74.1261, -57.2962, 40.0385** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **50.0827, 75.5914, -48.7984**, and the grayscale version is **59.2751, -3.1628, 3.2205**.

A 20% lighter version of the original color is **88.4179, -54.7642, 40.2879**, and **52.5713, -45.0799, 31.6050** is the 20% darker color. If you saturate the color by 10%, you get **73.5364, -60.1019, 42.0031**, and if you desaturate by 10%, it is **74.9864, -53.2767, 37.2720**.

# Distribution



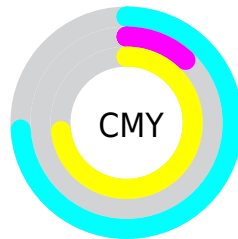
- Red (26%)
- Green (88%)
- Blue (27%)



- Red (26%)
- Yellow (87%)
- Blue (88%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (12%)



- Cyan (74%)
- Magenta (12%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.1261, -57.2962, 40.0385 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 74.1261, -57.2962, 40.0385 by changing the saturation by 10% instead.



■ 74.1261, -57.2962,  
40.0385

■ 74.1261, -57.2962,  
40.0385

201.4246,  
-91.8056, 72.1618

■ 62.7383, -52.7594,  
35.8412

■ 98.7250, -65.7864,  
47.9270

■ 52.0006, -47.9673,  
31.4372

■ 111.8768,  
-69.8004, 51.6642

■ 41.9568, -42.8566,  
26.7965

■ 125.5658,  
-73.6913, 55.2884

■ 32.6587, -37.3373,  
22.0591

■ 139.7715,  
-77.4765, 58.8146

■ 24.1715, -31.2785,  
16.9201

■ 154.4759,  
-81.1698, 62.2552

■ 16.5820, -25.5661,  
11.6074

169.6626,

■ 10.0123, -17.5215,

-84.7829, 65.6208

7.0086

185.3167,  
-88.3254, 68.9205

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.1261, -57.2962,  
40.0385

■ 74.1261, -57.2962,  
40.0385

■ 73.5364, -60.1019,  
42.0031

■ 74.9864, -53.2767,  
37.2720

■ 73.1855, -61.7844,  
43.2203

■ 76.1308, -48.0057,  
33.6850


■ 73.0225, -62.5709,  
43.8008


■ 77.5717, -41.5005,  
29.2924


■ 79.3137, -33.8190,  
24.1359


■ 81.3556, -25.0505,

18.2768

 83.6920, -15.3055,  
11.7898

 86.3138, -4.7052,  
4.7561

 89.2096, 6.6270,  
-2.7423

 90.4398, 11.3626,  
-6.0949

# Harmonies

## Analogous

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



74.1276, -28.9238, 46.9908



74.1261, -57.2962, 40.0385



74.1276, -70.0224, 18.3988

# Triad

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



74.1276, -57.2973, 40.0388



74.1276, -20.1384, -126.2419



74.1276, 94.6731, 25.2871

# Complementary

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



74.1261, -57.2962, 40.0385



50.0827, 75.5914, -48.7984

# 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.



74.1276, 98.5980, -13.9411



74.1261, -57.2962, 40.0385



74.1276, 24.8203, -120.2497

# Square

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



74.1276, -57.2973, 40.0388



74.1276, -52.1642, -85.1462



74.1276, 70.6813, -71.7091



74.1276, 60.9561, 42.5548



# Rectangle

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



74.1261, -57.2962, 40.0385



74.1276, -70.4992, -8.8367



74.1276, 70.6813, -71.7091



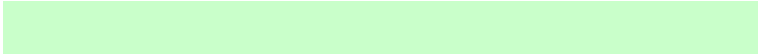
74.1276, 99.7691, 14.9457

# Sweetspot

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



74.1276, -57.2973, 40.0388



93.9610, -30.1488, 21.9255



83.1576, -21.8712, 47.0722



43.1551, -15.2944, 11.0423

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.1276, -57.2973, 40.0388



84.9565, -70.6436, 49.3876



75.2653, -50.3058, 23.3882



39.1682, -6.8418, 5.3028



55.7122, -47.7259, 33.3912



14.6729, -12.5326, 8.7144



# Inverse Universe

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



50.0827, 75.5914, -48.7984



54.5810, 98.8184, -63.6897



46.7355, 62.1962, -3.0228



37.3241, 2.9909, -1.2927



34.9647, 68.4608, -43.9386

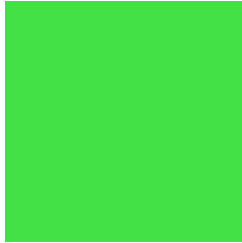


9.2133, 18.0517, -11.6712



# Previews

## White Background



This preview shows how the HunterLab color 74.1261, -57.2962, 40.0385 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 74.1261, -57.2962, 40.0385 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

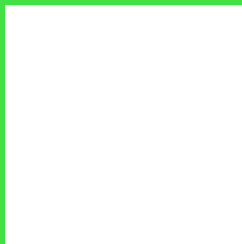
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.1261, -57.2962, 40.0385 Background



This preview shows how black text looks on a background with the HunterLab color 74.1261, -57.2962, 40.0385.



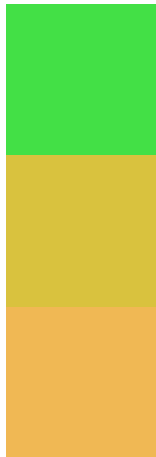
This preview shows how white text looks on a background with the HunterLab color 74.1261, -57.2962, 40.0385.

-57.2962, 40.0385.

# 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

74.1261, -57.2962, 40.0385

### Protanopia

73.2687, -9.3891, 41.2956

### Deuteranopia

73.1070, 5.5609, 38.3433



## Tritanopia

73.7610, -25.1236, -12.8241

# Trichromacy



## Original Color

74.1261, -57.2962, 40.0385



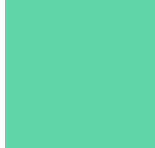
## Protanomaly

71.9206, -32.3286, 39.6284



## Deuteranomaly

71.2450, -24.5459, 37.3152



## Tritanomaly

73.0325, -40.2484, 13.8247

# Monochromacy



## Original Color

74.1261, -57.2962, 40.0385



## Achromatopsia

59.2902, -3.1636, 3.2213



## Achromatomaly

63.1149, -27.3920, 19.5497

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.1261, -57.2962, 40.0385 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(67, 224, 70)` looks like.

```
.text, #text, p{  
    color:rgb(67, 224, 70)  
}
```

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(67, 224, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 224, 70) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.1261, -57.2962, 40.0385 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(67, 224, 70) }
```



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

```
.border{ border-color:rgb(67, 224, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 224, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 224, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 224, 70);  
box-shadow:4px 4px 4px 4px rgb(67, 224,  
70) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.1261, -57.2962, 40.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 224, 70) }
```

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

```
.background{ background-color: rgb(67, 224,  
70) }
```

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