

# Converting Colors

HunterLab(70.6362, -47.3295,  
31.0388)

Have a look what the booklet for  
HunterLab(70.6362, -47.3295,  
31.0388) contains.

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# Color

**HunterLab(70.5859,  
-47.2442, 30.9837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD36B
RGB	90, 211, 107
RGB Percent	35%, 83%, 42%
CMY	0.6471, 0.1725, 0.5804
CMYK	0.57, 0.00, 0.49, 0.17
HSL	128°, 58%, 59%
HSV	128°, 57%, 83%
XYZ	30.1645, 49.8237, 21.9370
YIQ	162.9650, -38.7320, -57.9960

# Conversions

## Conversions Part 2

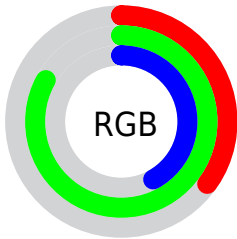
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 196, 211
Decimal	5952363
CIELab	75.96, -55.33, 41.31
CIELCh	76, 69.048, 143.257
Yxy	49.8258, 0.2959, 0.4888
Android (android.graphics.Color)	4284142443 (0xFF5AD36B)
YUV	162.9650, -27.5907, -63.9903
Hunter-Lab	70.5859, -47.2442, 30.9837

# Details

The HunterLab color **70.5859, -47.2442, 30.9837** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **50.0571, 55.9615, -28.6298**, and the grayscale version is **60.6267, -3.2349, 3.2940**.

A 20% lighter version of the original color is **89.6926, -48.5007, 32.4345**, and **48.7646, -39.4533, 24.8089** is the 20% darker color. If you saturate the color by 10%, you get **69.6929, -51.4262, 34.0286**, and if you desaturate by 10%, it is **71.7362, -41.9964, 27.3941**.

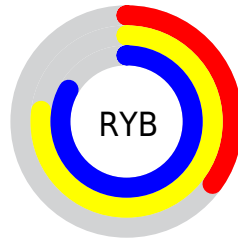
# Distribution



Red (35%)

Green (83%)

Blue (42%)



Red (35%)

Yellow (77%)

Blue (83%)

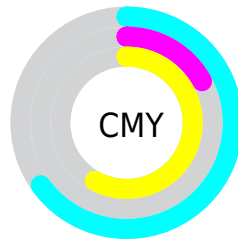


Cyan (57%)

Magenta (0%)

Yellow (49%)

Black (17%)



Cyan (65%)

Magenta (17%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5859, -47.2442, 30.9837 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 70.5859, -47.2442, 30.9837 by changing the saturation by 10% instead.





 70.5859, -47.2442,  
30.9837

 70.5859, -47.2442,  
30.9837


196.4648,  
-76.1768, 54.4846


 59.3927, -43.4889,  
27.9849


 94.8244, -54.2977,  
36.6493


 48.8618, -39.5293,  
24.8396


 107.8080,  
-57.6459, 39.3533

 39.0394, -35.3108,  
21.5123


 121.3353,  
-60.9005, 41.9904

 29.9809, -30.7525,  
17.9568

 135.3855,  
-64.0755, 44.5712

 21.7571, -25.7317,  
14.5715

149.9396,  
-67.1821, 47.1045

 14.4633, -21.2519,  
10.1243

164.9808,

 8.1244, -14.2176,

-70.2296, 49.5974

5.6870

180.4939,  
-73.2257, 52.0557

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5859, -47.2442,  
30.9837

■ 70.5859, -47.2442,  
30.9837

■ 69.6929, -51.4262,  
34.0286

■ 71.7362, -41.9964,  
27.3941

■ 69.0402, -54.5462,  
36.5067

■ 73.1463, -35.7101,  
23.2950

■ 68.6096, -56.6569,  
38.4163

■ 74.8197, -28.4470,  
18.7356

■ 68.3701, -57.8745,  
39.7734


■ 76.7543, -20.2896,  
13.7726

■ 68.3245, -58.1078,


■ 78.9444, -11.3343,


40.0385

8.4666

 81.3817, -1.6834,  
2.8778

 84.0560, 8.5611,  
-2.9367

 86.5357, 17.9538,  
-9.5122

 86.6432, 18.5143,  
-11.0269

# Harmonies

## Analogous

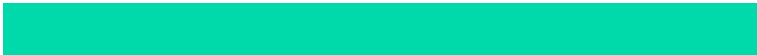
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5874, -26.8209, 39.5730



70.5859, -47.2442, 30.9837



70.5874, -55.7889, 10.4809

# Triad

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



70.5874, -47.2452, 30.9842



70.5874, -10.9689, -84.5337



70.5874, 63.4201, 23.5391

# Complementary

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



70.5859, -47.2442, 30.9837



50.0571, 55.9615, -28.6298

# 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.



70.5874, 69.7511, -3.5112



70.5859, -47.2442, 30.9837



70.5874, 22.6800, -75.6557

# Square

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



70.5874, -47.2452, 30.9842



70.5874, -37.4429, -62.4478



70.5874, 53.7053, -41.8559



70.5874, 37.7053, 36.8369



# Rectangle

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



70.5859, -47.2442, 30.9837



70.5874, -54.9408, -11.2189



70.5874, 53.7053, -41.8559



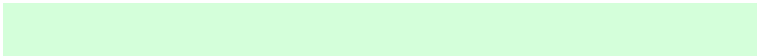
70.5874, 68.0570, 16.1766

# Sweetspot

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



70.5874, -47.2452, 30.9842



95.1386, -24.9670, 16.9611



76.7551, -23.5940, 39.4110



43.7778, -12.5409, 8.4424

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.5874, -47.2452, 30.9842



86.1274, -64.7640, 42.9634



71.7919, -39.9729, 13.4907



36.3771, -6.1360, 4.4424



53.0855, -45.0871, 30.9779



12.5882, -10.4381, 6.7987



# Inverse Universe

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



50.0571, 55.9615, -28.6298



57.0859, 82.5887, -41.3441



47.8472, 46.2805, 2.1778



34.6111, 2.5373, -0.6465



32.2357, 61.5131, -28.0720



7.6751, 14.7300, -7.3369



# Previews

## White Background



This preview shows how the HunterLab color 70.5859, -47.2442, 30.9837 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 70.5859, -47.2442, 30.9837 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 70.5859, -47.2442, 30.9837 Background



This preview shows how black text looks on a background with the HunterLab color 70.5859, -47.2442, 30.9837.



This preview shows how white text looks on a background with the HunterLab color 70.5859,

-47.2442, 30.9837.

# 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

70.5859, -47.2442, 30.9837

### Protanopia

69.9848, -7.8508, 33.1975

### Deuteranopia

69.7780, 5.4566, 29.3106



## Tritanopia

70.3811, -21.6552, -11.1693

# Trichromacy



## Original Color

70.5859, -47.2442, 30.9837



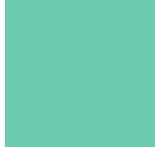
## Protanomaly

69.1060, -25.4466, 31.5742



## Deuteranomaly

68.4070, -17.8766, 28.5529



## Tritanomaly

69.9802, -32.5375, 7.7521

# Monochromacy



## Original Color

70.5859, -47.2442, 30.9837



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

63.1347, -21.6170, 14.1208

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.5859, -47.2442, 30.9837 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(90, 211, 107)` looks like.

```
.text, #text, p{  
    color:rgb(90, 211, 107)  
}
```

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(90, 211, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 211, 107) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.5859, -47.2442, 30.9837 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(90, 211, 107) }
```



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

```
.border{ border-color:rgb(90, 211, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 211, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 211, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 211, 107);  
box-shadow:4px 4px 4px 4px rgb(90, 211,  
107) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.5859, -47.2442, 30.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 211, 107) }
```

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

```
.background{ background-color: rgb(90, 211,  
107) }
```

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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