

# Converting Colors

HunterLab(84.8848, -62.0478,  
48.3445)

Have a look what the booklet for  
HunterLab(84.8848, -62.0478,  
48.3445) contains.

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# Color

**HunterLab(84.7424,  
-61.8566, 48.2401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BFA3B
RGB	107, 250, 59
RGB Percent	42%, 98%, 23%
CMY	0.5804, 0.0196, 0.7686
CMYK	0.57, 0.00, 0.76, 0.02
HSL	105°, 95%, 61%
HSV	105°, 76%, 98%
XYZ	41.0384, 71.8127, 15.8359
YIQ	185.4690, -23.9170, -89.7170

# Conversions

## Conversions Part 2

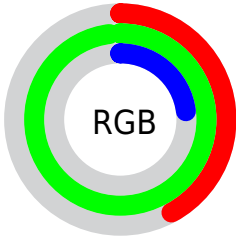
Format	Color
<a href="#">RYB</a>	59, 250, 202
Decimal	7076411
CIELab	87.88, -69.84, 73.92
CIELCh	88, 101.698, 133.375
Yxy	71.8158, 0.3189, 0.5580
Android (android.graphics.Color)	4285266491 (0xFF6BFA3B)
YUV	185.4690, -62.3492, -68.8173
Hunter-Lab	84.7424, -61.8566, 48.2401

# Details

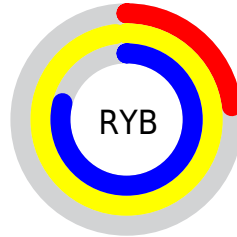
The HunterLab color **84.7424, -61.8566, 48.2401** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **47.5283, 78.9980, -82.1592**, and the grayscale version is **70.1122, -3.7410, 3.8093**.

A 20% lighter version of the original color is **90.2828, -47.5048, 43.3387**, and **61.5124, -52.1684, 36.9903** is the 20% darker color. If you saturate the color by 10%, you get **84.0108, -65.1593, 49.5579**, and if you desaturate by 10%, it is **85.6905, -57.5731, 45.9896**.

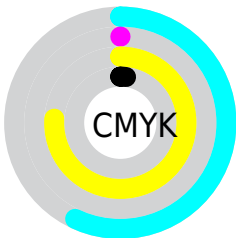
# Distribution



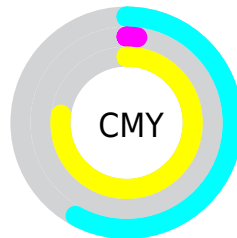
- Red (42%)
- Green (98%)
- Blue (23%)



- Red (23%)
- Yellow (98%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (76%)
- Black (2%)




- Cyan (58%)
- Magenta (2%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7424, -61.8566, 48.2401 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 84.7424, -61.8566, 48.2401 by changing the saturation by 10% instead.





 84.7424, -61.8566,  
48.2401

 84.7424, -61.8566,  
48.2401


216.0787,  
-95.9893, 85.3482


 72.8067, -57.4448,  
43.4270


 110.3606,  
-70.1759, 57.3323


 61.4893, -52.8152,  
38.4050


 123.9898,  
-74.1316, 61.6520


 50.8279, -47.9200,  
33.1542


 138.1379,  
-77.9773, 65.8444

 40.8657, -42.6915,  
27.7306

 152.7867,  
-81.7277, 69.9243

 31.6557, -37.0344,  
22.1590

 167.9196,  
-85.3948, 73.9044

 23.2654, -30.8105,  
16.2858

183.5215,

 15.7843, -25.6281,

-88.9887, 77.7956

11.0490

199.5787,  
-92.5178, 81.6074

■ 9.3400, -16.3449,  
6.5380

0.0000, NaN, NaN

■ 84.7424, -61.8566,  
48.2401

■ 84.7424, -61.8566,  
48.2401

■ 84.0108, -65.1593,  
49.5579

■ 85.6905, -57.5731,  
45.9896

■ 83.4744, -67.5359,  
50.0705

■ 86.8603, -52.2837,  
42.7303

■ 83.3216, -68.2071,  
50.1483

■ 88.2602, -45.9987,  
38.4269

■ 89.8930, -38.7517,  
33.0762

■ 91.7586, -30.5953,  
26.7008

■ 93.8544, -21.5963,  
19.3438

■ 96.1756, -11.8302,  
11.0632

■ 98.4145, -2.6807,  
3.5990

# Harmonies

## Analogous

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



84.7442, -26.0187, 54.4156



84.7424, -61.8566, 48.2401



84.7442, -79.4503, 27.1788

# Triad

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



84.7442, -61.8580, 48.2405



84.7442, -30.7730, -142.0817



84.7442, 113.3949, 23.4632

# Complementary

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



84.7424, -61.8566, 48.2401



47.5283, 78.9980, -82.1592

# 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.



84.7442, 111.2571, -26.6162



84.7424, -61.8566, 48.2401



84.7442, 19.3476, -145.3605

# Square

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



84.7442, -61.8580, 48.2405



84.7442, -64.6264, -87.5926



84.7442, 73.7952, -94.9315



84.7442, 79.0863, 46.9010



# Rectangle

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



84.7424, -61.8566, 48.2401



84.7442, -81.8251, -1.0592



84.7442, 73.7952, -94.9315



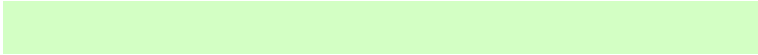
84.7442, 117.1204, 9.9181

# Sweetspot

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



84.7442, -61.8580, 48.2405



94.5427, -28.2790, 24.8793



78.4352, 0.7765, 45.2165



43.3946, -14.5753, 12.7129

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.7442, -61.8580, 48.2405



85.5857, -68.1365, 51.0732



83.8421, -64.8248, 41.3469



44.1813, -6.9132, 6.3532



60.7293, -49.4759, 36.5550



18.6109, -14.5121, 11.2139



# Inverse Universe

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



47.5283, 78.9980, -82.1592



44.1330, 88.9418, -98.3482



52.8039, 83.5880, -31.1634



41.5838, 2.5288, -1.9714



30.5759, 64.3356, -73.0591

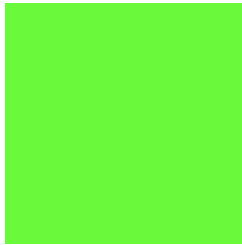


9.5697, 19.9316, -21.2822



# Previews

## White Background



This preview shows how the HunterLab color 84.7424, -61.8566, 48.2401 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

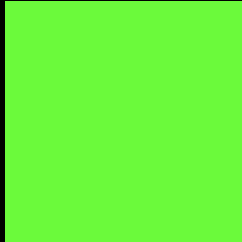
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.7424, -61.8566, 48.2401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

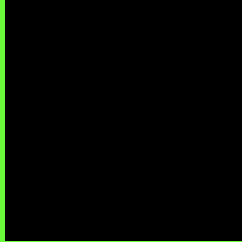
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

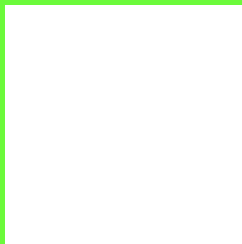
Any Text WCAG AAA ✓ Pass

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

# HunterLab 84.7424, -61.8566, 48.2401 Background



This preview shows how black text looks on a background with the HunterLab color 84.7424, -61.8566, 48.2401.



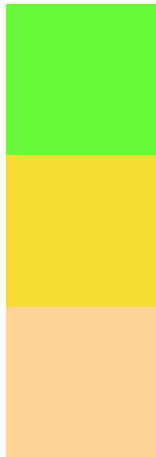
This preview shows how white text looks on a background with the HunterLab color 84.7424, -61.8566, 48.2401.

-61.8566, 48.2401.

# 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

84.7424, -61.8566, 48.2401

### Protanopia

83.9612, -11.0073, 49.3321

### Deuteranopia

83.9554, 2.1809, 31.9853



## Tritanopia

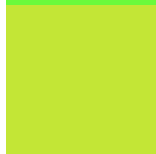
84.4011, -24.5909, -13.1181

# Trichromacy



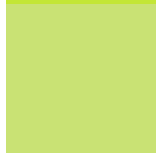
## Original Color

84.7424, -61.8566, 48.2401



## Protanomaly

82.7418, -33.7648, 47.8932



## Deuteranomaly

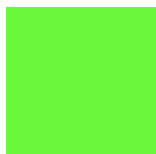
82.5053, -26.6117, 38.4997



## Tritanomaly

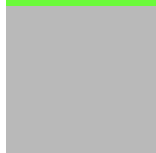
83.6276, -42.4637, 19.4111

# Monochromacy



## Original Color

84.7424, -61.8566, 48.2401



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

73.9142, -29.4543, 25.4366

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.7424, -61.8566, 48.2401 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(107, 250, 59)` looks like.

```
.text, #text, p{  
    color:rgb(107, 250, 59)  
}
```

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(107, 250, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 250, 59) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.7424, -61.8566, 48.2401 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(107, 250, 59) }
```



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

```
.border{ border-color:rgb(107, 250, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 250, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 250, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 250, 59);  
box-shadow:4px 4px 4px 4px rgb(107, 250,  
59) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.7424, -61.8566, 48.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 250, 59) }
```

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

```
.background{ background-color: rgb(107,  
250, 59) }
```

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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