

# Converting Colors

HunterLab(80.8845, -62.5457,  
43.1825)

Have a look what the booklet for  
HunterLab(80.8845, -62.5457,  
43.1825) contains.

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# Color

**HunterLab(80.8845,  
-62.5457, 43.1825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47F250
RGB	71, 242, 80
RGB Percent	28%, 95%, 31%
CMY	0.7216, 0.0510, 0.6863
CMYK	0.71, 0.00, 0.67, 0.05
HSL	123°, 87%, 61%
HSV	123°, 71%, 95%
XYZ	35.7986, 65.4230, 18.3305
YIQ	172.4030, -49.9140, -86.6340

# Conversions

## Conversions Part 2

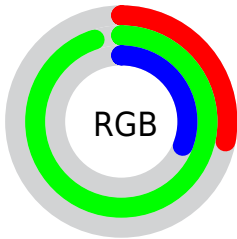
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 233, 242
Decimal	4715088
CIE <sub>Lab</sub>	84.70, -72.97, 63.19
CIE <sub>LCh</sub>	85, 96.527, 139.109
Yxy	65.4257, 0.2994, 0.5472
Android (android.graphics.Color)	4282905168 (0xFF47F250)
YUV	172.4030, -45.5547, -88.9304
Hunter-Lab	80.8845, -62.5457, 43.1825

# Details

The HunterLab color **80.8845, -62.5457, 43.1825** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **54.0997, 82.1131, -49.7132**, and the grayscale version is **64.5956, -3.4467, 3.5096**.

A 20% lighter version of the original color is **88.8596, -52.6776, 38.2911**, and **58.5687, -50.0891, 34.9222** is the 20% darker color. If you saturate the color by 10%, you get **80.2513, -65.5776, 45.4349**, and if you desaturate by 10%, it is **81.8098, -58.2079, 40.1052**.

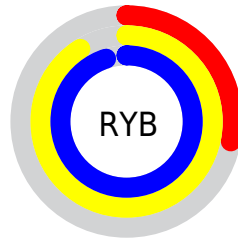
# Distribution



Red (28%)

Green (95%)

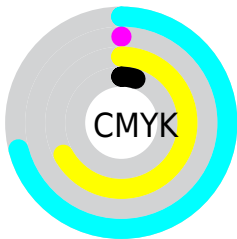
Blue (31%)



Red (28%)

Yellow (91%)

Blue (95%)

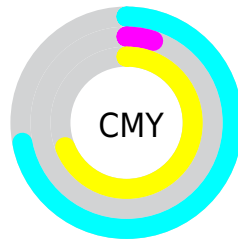


Cyan (71%)

Magenta (0%)

Yellow (67%)

Black (5%)



Cyan (72%)

Magenta (5%)


Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.8845, -62.5457, 43.1825 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 80.8845, -62.5457, 43.1825 by changing the saturation by 10% instead.





 80.8845, -62.5457,  
43.1825

 80.8845, -62.5457,  
43.1825


210.7891,  
-98.2948, 75.8172


 69.1422, -57.8796,  
38.9526


 106.1422,  
-71.3098, 51.1606


 58.0289, -52.9682,  
34.5269


 119.6023,  
-75.4638, 54.9510

 47.5846, -47.7556,  
29.8770


 133.5877,  
-79.4949, 58.6320

 37.8551, -42.1633,  
24.9781

 148.0793,  
-83.4197, 62.2177

 28.8974, -36.0803,  
20.2282

163.0600,  
-87.2516, 65.7198

 20.7849, -29.3489,  
14.5494

178.5145,

 13.6169, -23.8295,

-91.0021, 69.1483

9.5318

194.4284,  
-94.6805, 72.5116

■ 7.2153, -12.6269,  
5.0507

0.0000, NaN, NaN

■ 80.8845, -62.5457,  
43.1825

■ 80.8845, -62.5457,  
43.1825

■ 80.2513, -65.5776,  
45.4349

■ 81.8098, -58.2079,  
40.1052


■ 79.8753, -67.4020,  
46.9069


■ 83.0421, -52.5227,  
36.1922


■ 79.7090, -68.2233,  
47.6451


■ 84.5951, -45.5075,  
31.4656

■ 86.4739, -37.2235,  
25.9730

 88.6777, -27.7659,  
19.7812

 91.2008, -17.2527,  
12.9695

 94.0336, -5.8140,  
5.6225

 95.9098, 1.6010,  
0.6421

# Harmonies

## Analogous

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



80.8862, -32.1624, 51.0352



80.8845, -62.5457, 43.1825



80.8862, -76.0198, 19.1899

# Triad

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



80.8862, -62.5468, 43.1829



80.8862, -20.9014, -136.3058



80.8862, 101.6377, 28.0394

# Complementary

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



80.8845, -62.5457, 43.1825



54.0997, 82.1131, -49.7132

# 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.



80.8862, 106.6445, -13.8411



80.8845, -62.5457, 43.1825



80.8862, 27.8858, -128.6881

# Square

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



80.8862, -62.5468, 43.1829



80.8862, -55.9509, -92.9801



80.8862, 77.1760, -75.8744



80.8862, 64.7596, 46.4465



# Rectangle

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



80.8845, -62.5457, 43.1825



80.8862, -76.3214, -10.6340



80.8862, 77.1760, -75.8744



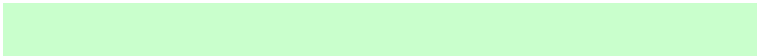
80.8862, 107.3791, 17.0127

# Sweetspot

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



80.8862, -62.5468, 43.1829



94.0067, -29.8866, 21.2663



90.2009, -25.9696, 51.2083



43.1781, -15.1614, 10.7093

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.8862, -62.5468, 43.1829



84.9495, -70.6275, 49.0294



82.1979, -54.4892, 24.0013



42.0356, -7.3198, 5.5673



58.4262, -49.9710, 34.8454



16.8657, -14.3253, 9.8436



# Inverse Universe

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



54.0997, 82.1131, -49.7132



54.0082, 97.8648, -58.6043



50.5185, 67.8175, -0.5418



40.0202, 3.1849, -1.2425



36.3240, 70.6116, -41.6870

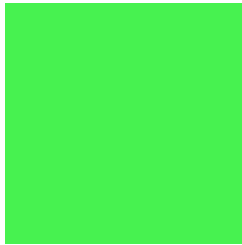


10.4977, 20.4390, -12.2960



# Previews

## White Background



This preview shows how the HunterLab color 80.8845, -62.5457, 43.1825 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 80.8845, -62.5457, 43.1825 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

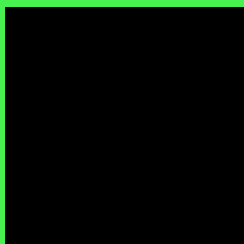
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

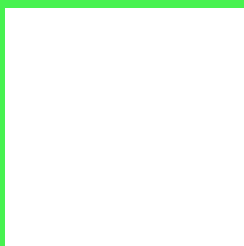
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.8845, -62.5457, 43.1825 Background



This preview shows how black text looks on a background with the HunterLab color 80.8845, -62.5457, 43.1825.



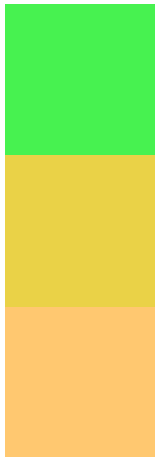
This preview shows how white text looks on a background with the HunterLab color 80.8845,

-62.5457, 43.1825.

# 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

80.8845, -62.5457, 43.1825

### Protanopia

80.0253, -10.4149, 44.7123

### Deuteranopia

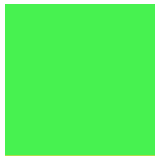
79.8363, 5.2101, 37.9018



## Tritanopia

80.5213, -27.5250, -14.4735

# Trichromacy



## Original Color

80.8845, -62.5457, 43.1825



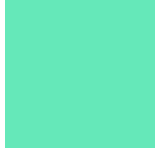
## Protanomaly

78.6454, -35.4108, 42.9568



## Deuteranomaly

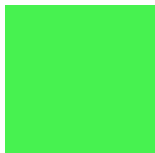
77.5966, -26.8957, 38.1316



## Tritanomaly

79.9892, -44.0681, 14.4960

# Monochromacy



## Original Color

80.8845, -62.5457, 43.1825



## Achromatopsia

64.2295, -3.4271, 3.4897



## Achromatomaly

68.5182, -29.7216, 20.5640

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.8845, -62.5457, 43.1825 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(71, 242, 80)` looks like.

```
.text, #text, p{  
    color:rgb(71, 242, 80)  
}
```

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(71, 242, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 242, 80) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.8845, -62.5457, 43.1825 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(71, 242, 80) }
```



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

```
.border{ border-color:rgb(71, 242, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 242, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 242, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 242, 80);  
box-shadow:4px 4px 4px 4px rgb(71, 242,  
80) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.8845, -62.5457, 43.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 242, 80) }
```

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

```
.background{ background-color: rgb(71, 242,  
80) }
```

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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