

# Converting Colors

HunterLab(84.5856, -72.4358,  
50.8527)

Have a look what the booklet for  
HunterLab(84.5856, -72.4358,  
50.8527) contains.

<b>HunterLab(84.5886, -72.4367, 50.8550)</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(84.5886,  
-72.4367, 50.8550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05FF00
RGB	5, 255, 0
RGB Percent	2%, 100%, 0%
CMY	0.9804, 0.0000, 0.9999
CMYK	0.98, 0.00, 1.00, 0.00
HSL	119°, 100%, 50%
HSV	119°, 100%, 100%
XYZ	35.8226, 71.5523, 11.9229
YIQ	151.1800, -67.1450, -132.3050

# Conversions

## Conversions Part 2

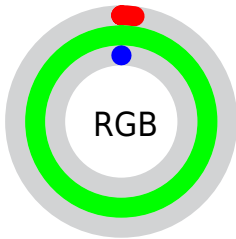
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 250
Decimal	392960
CIELab	87.75, -86.04, 83.20
CIELCh	88, 119.686, 135.963
Yxy	71.5524, 0.3003, 0.5998
Android (android.graphics.Color)	4278583040 (0xFF05FF00)
YUV	151.1800, -74.5317, -128.1999
Hunter-Lab	84.5886, -72.4367, 50.8550

# Details

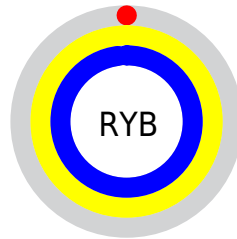
The HunterLab color **84.5886, -72.4367, 50.8550** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **52.4898, 103.6409, -72.7061**, and the grayscale version is **56.0162, -2.9889, 3.0435**.

A 20% lighter version of the original color is **87.3829, -59.8185, 45.9276**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5884, -72.4373, 50.8549**, and if you desaturate by 10%, it is **84.7754, -71.5525, 50.3208**.

# Distribution



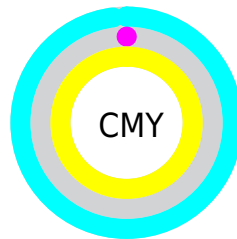
- Red (2%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)




- Cyan (98%)
- Magenta (0%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5886, -72.4367, 50.8550 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 84.5886, -72.4367, 50.8550 by changing the saturation by 10% instead.





 84.5886, -72.4367,  
50.8550


 84.5886, -72.4367,  
50.8550


215.8662,  
-113.4632, 92.0922

 72.6588, -67.0456,  
45.5000


 110.1907,  
-82.5429, 60.9813


 61.3495, -61.3705,  
39.9290


 123.8131,  
-87.3243, 65.7920

 50.6967, -55.3492,  
34.1353


 137.9548,  
-91.9575, 70.4578

 40.7437, -48.8987,  
28.5206

 152.5974,  
-96.4614, 74.9941

 31.5437, -41.9062,  
22.0806

 167.7242,  
-100.8518, 79.4144

 23.1643, -34.2203,  
16.2150

 183.3202,

 15.6955, -27.4671,

-105.1418, 83.7308

10.9869

199.3717,  
-109.3424, 87.9537

■ 9.2643, -16.2125,  
6.4850

0.0000, NaN, NaN

■ 84.5886, -72.4367,  
50.8550

■ 84.5886, -72.4367,  
50.8550


■ 84.5884, -72.4373,  
50.8549


■ 84.7754, -71.5525,  
50.3208


■ 85.1891, -69.5956,  
49.0919


■ 85.8809, -66.3373,  
46.9697


■ 86.8817, -61.6695,  
43.8714

 88.2121, -55.5524,  
39.7640

 89.8843, -48.0048,  
34.6559

 91.9034, -39.0934,  
28.5903

 94.2681, -28.9213,  
21.6364

 96.9720, -17.6158,  
13.8809

# Harmonies

## Analogous

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



84.5886, -33.9307, 56.7332



84.5886, -72.4367, 50.8550



84.5886, -89.7899, 27.1095

# Triad

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



84.5886, -72.4364, 50.8542



84.5886, -30.6912, -185.6880



84.5886, 137.2132, 29.5418

# Complementary

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



84.5886, -72.4367, 50.8550



52.4898, 103.6409, -72.7061

# 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.



84.5886, 138.8002, -26.5300



84.5886, -72.4367, 50.8550



84.5886, 29.5592, -183.1049

# Square

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



84.5886, -72.4364, 50.8542



84.5886, -70.6368, -118.1691



84.5886, 95.2737, -112.5185



84.5886, 91.4022, 51.5774



# Rectangle

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



84.5886, -72.4367, 50.8550



84.5886, -91.3207, -7.5914



84.5886, 95.2737, -112.5185



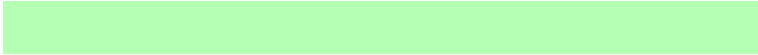
84.5886, 143.2939, 15.2175

# Sweetspot

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



84.5886, -72.4364, 50.8542



91.9002, -39.1076, 28.6000



93.5291, -21.7818, 57.2502



42.1039, -19.9051, 14.4668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.5886, -72.4364, 50.8542



84.5884, -72.4373, 50.8549



85.3538, -67.6172, 39.2830



44.9277, -7.8864, 6.2409



61.1513, -52.3363, 36.7649



19.0962, -16.2673, 11.4822



# Inverse Universe

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



52.4898, 103.6409, -72.7061



52.4889, 103.6436, -72.7085



47.9989, 85.8994, 2.3005



42.7566, 3.4769, -1.6730



37.9527, 74.9351, -52.5290

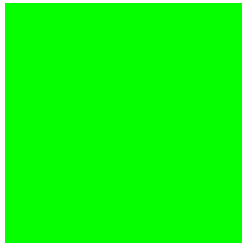


11.8659, 23.4163, -16.3287



# Previews

## White Background



This preview shows how the HunterLab color 84.5886, -72.4367, 50.8550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

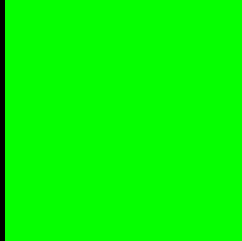
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.5886, -72.4367, 50.8550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

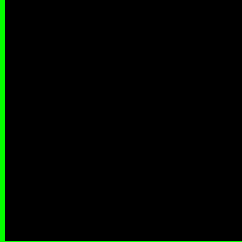
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

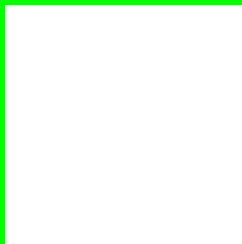
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.5886, -72.4367, 50.8550 Background



This preview shows how black text looks on a background with the HunterLab color 84.5886, -72.4367, 50.8550.



This preview shows how white text looks on a background with the HunterLab color 84.5886, -72.4367, 50.8550.

-72.4367, 50.8550.

# 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

84.5886, -72.4367, 50.8550

### Protanopia

83.5079, -11.3093, 51.2592

### Deuteranopia

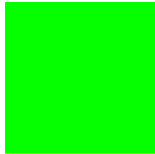
83.5654, 2.1996, 33.0935



## Tritanopia

84.0961, -30.7336, -15.4193

# Trichromacy



## Original Color

84.5886, -72.4367, 50.8550



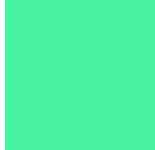
## Protanomaly

80.2626, -45.5494, 48.6600



## Deuteranomaly

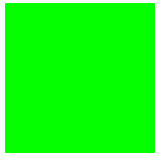
79.7408, -39.5587, 41.0842



## Tritanomaly

82.5625, -54.9858, 25.3648

# Monochromacy



## Original Color

84.5886, -72.4367, 50.8550



## Achromatopsia

55.6299, -2.9683, 3.0225



## Achromatomaly

63.1161, -38.7718, 27.8176

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.5886, -72.4367, 50.8550 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(5, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 255, 0)  
}
```

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(5, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 255, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.5886, -72.4367, 50.8550 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(5, 255, 0) }
```



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

```
.border{ border-color:rgb(5, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(5, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 255, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 255, 0); box-shadow:4px  
4px 4px 4px rgb(5, 255, 0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.5886, -72.4367, 50.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 255, 0) }
```

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

```
.background{ background-color: rgb(5, 255,  
0) }
```

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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