

# Converting Colors

HunterLab(86.7909, -62.5001,  
47.3262)

Have a look what the booklet for  
HunterLab(86.7909, -62.5001,  
47.3262) contains.

<b>HunterLab(86.7962, -62.4790, 47.3366)</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(86.7962,  
-62.4790, 47.3366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DFF4F
RGB	109, 255, 79
RGB Percent	43%, 100%, 31%
CMY	0.5725, 0.0000, 0.6902
CMYK	0.57, 0.00, 0.69, 0.00
HSL	110°, 100%, 65%
HSV	110°, 69%, 100%
XYZ	43.4780, 75.3358, 19.6470
YIQ	191.2820, -30.5200, -85.6880

# Conversions

## Conversions Part 2

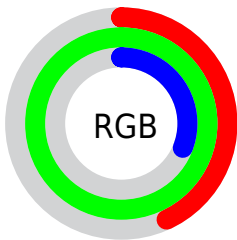
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 255, 225
Decimal	7208783
CIELab	89.55, -69.70, 68.96
CIElCh	90, 98.054, 135.305
Yxy	75.3358, 0.3140, 0.5441
Android (android.graphics.Color)	4285398863 (0xFF6DFF4F)
YUV	191.2820, -55.3550, -72.1613
Hunter-Lab	86.7962, -62.4790, 47.3366

# Details

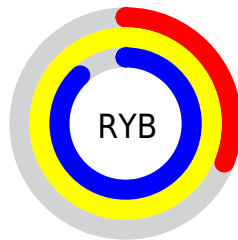
The HunterLab color **86.7962, -62.4790, 47.3366** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **53.6857, 78.6123, -70.0269**, and the grayscale version is **72.5354, -3.8703, 3.9410**.

A 20% lighter version of the original color is **90.6542, -45.5491, 39.8294**, and **63.3555, -53.4890, 38.1029** is the 20% darker color. If you saturate the color by 10%, you get **85.9354, -66.4200, 49.4240**, and if you desaturate by 10%, it is **87.9135, -57.3757, 44.2436**.

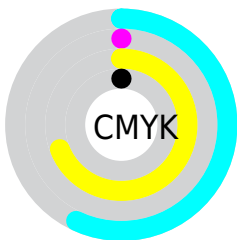
# Distribution



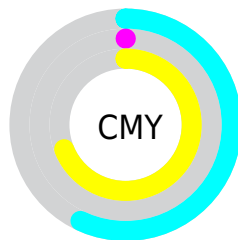
- Red (43%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)




- Cyan (57%)
- Magenta (0%)
- Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7962, -62.4790, 47.3366 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 86.7962, -62.4790, 47.3366 by changing the saturation by 10% instead.





 86.7962, -62.4790,  
47.3366


 86.7962, -62.4790,  
47.3366


218.8769,  
-96.4071, 82.0950


 74.7583, -58.1059,  
42.8471


 112.6000,  
-70.7316, 55.8214


 63.3350, -53.5244,  
38.1627


 126.3172,  
-74.6608, 59.8587

 52.5612, -48.6872,  
33.2573


 140.5503,  
-78.4829, 63.7816

 42.4788, -43.5303,  
28.1111

 155.2810,  
-82.2122, 67.6036

 33.1390, -37.9643,  
23.1973

170.4932,  
-85.8602, 71.3366

 24.6063, -31.8597,  
17.2244


186.1721,

 16.9658, -25.9493,


-89.4368, 74.9906


11.8760


202.3041,  
-92.9501, 78.5742


 10.3372, -18.0900,  
7.2360


0.0000, NaN, NaN


 86.7962, -62.4790,  
47.3366


 86.7962, -62.4790,  
47.3366


 85.9354, -66.4200,  
49.4240


 87.9135, -57.3757,  
44.2436


 85.3149, -69.2446,  
50.5946

 89.2977, -51.1080,  
40.1063

 84.9092, -71.0607,  
51.0263

 90.9542, -43.7066,  
34.9201

 84.8785, -71.1980,  
51.0553

 92.8844, -35.2302,  
28.7111

■ 95.0859, -25.7580,  
21.5289

■ 97.5534, -15.3828,  
13.4401

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



86.7962, -28.3653, 54.5488



86.7962, -62.4790, 47.3366



86.7962, -78.8679, 24.7030

# Triad

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



86.7962, -62.4786, 47.3358



86.7962, -27.4920, -136.4788



86.7962, 107.6128, 25.3930

# Complementary

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



86.7962, -62.4790, 47.3366



53.6857, 78.6123, -70.0269

# 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.



86.7962, 107.9959, -21.5345



86.7962, -62.4790, 47.3366



86.7962, 21.9531, -135.9016

# Square

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



86.7962, -62.4786, 47.3358



86.7962, -61.9635, -87.4690



86.7962, 73.9458, -86.1681



86.7962, 72.9935, 47.5972



# Rectangle

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



86.7962, -62.4790, 47.3366



86.7962, -80.5505, -4.0739



86.7962, 73.9458, -86.1681



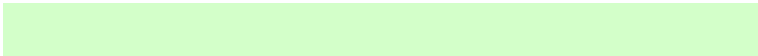
86.7962, 111.9686, 12.6886

# Sweetspot

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



86.7962, -62.4786, 47.3358



94.6280, -27.7112, 23.0275



86.2892, -8.3364, 47.9415



43.4924, -14.0507, 11.5910

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.7962, -62.4786, 47.3358



85.6606, -67.6748, 49.9936



86.5589, -62.1038, 36.6156



45.0742, -7.3598, 6.4096



61.3901, -51.3163, 36.9299



19.2585, -15.5770, 11.5943



# Inverse Universe

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



53.6857, 78.6123, -70.0269



49.0127, 89.4725, -82.6779



55.6677, 76.9412, -22.0740



42.5847, 2.9007, -1.9025



33.3293, 68.3963, -66.2051

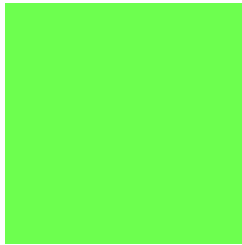


10.5882, 21.6018, -20.0498



# Previews

## White Background



This preview shows how the HunterLab color 86.7962, -62.4790, 47.3366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

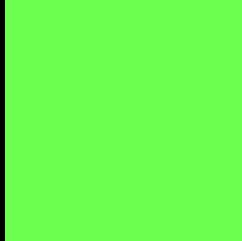
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7962, -62.4790, 47.3366 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

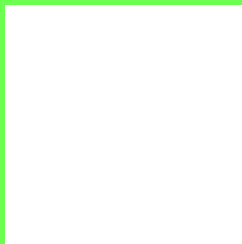
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.7962, -62.4790, 47.3366 Background



This preview shows how black text looks on a background with the HunterLab color 86.7962, -62.4790, 47.3366.



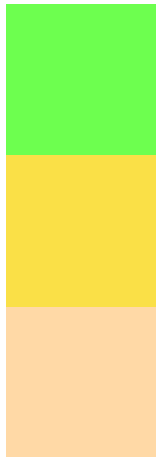
This preview shows how white text looks on a background with the HunterLab color 86.7962, -62.4790, 47.3366.

-62.4790, 47.3366.

# 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

86.7962, -62.4790, 47.3366

### Protanopia

86.0757, -11.2401, 48.7365

### Deuteranopia

85.8131, 1.5410, 27.9787



## Tritanopia

86.4051, -23.8273, -12.0933

# Trichromacy



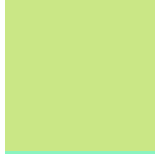
## Original Color

86.7962, -62.4790, 47.3366



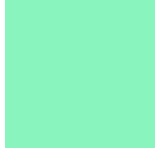
## Protanomaly

84.8841, -33.9462, 47.1858



## Deuteranomaly

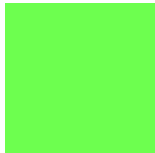
84.5160, -27.0190, 35.7830



## Tritanomaly

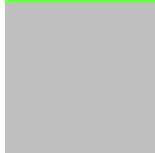
85.9455, -41.9159, 18.2222

# Monochromacy



## Original Color

86.7962, -62.4790, 47.3366



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

76.0738, -29.3018, 23.8751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7962, -62.4790, 47.3366 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(109, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 79)  
}
```

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(109, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 79) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7962, -62.4790, 47.3366 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(109, 255, 79) }
```



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

```
.border{ border-color:rgb(109, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(109, 255,  
79) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7962, -62.4790, 47.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 79) }
```

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

```
.background{ background-color: rgb(109,  
255, 79) }
```

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