

# Converting Colors

HunterLab(77.2647, -55.0576,  
39.8904)

Have a look what the booklet for  
HunterLab(77.2647, -55.0576,  
39.8904) contains.

<b>HunterLab(77.2647, -55.0576, 39.8904)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(77.2647,  
-55.0576, 39.8904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FE656
RGB	95, 230, 86
RGB Percent	37%, 90%, 34%
CMY	0.6274, 0.0980, 0.6627
CMYK	0.59, 0.00, 0.63, 0.10
HSL	116°, 74%, 62%
HSV	116°, 63%, 90%
XYZ	34.6958, 59.6983, 18.4983
YIQ	173.2190, -34.2360, -73.4040

# Conversions

## Conversions Part 2

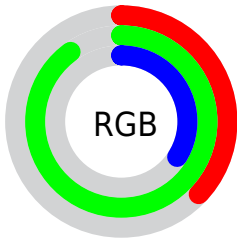
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 230, 221
Decimal	6284886
CIELab	81.68, -63.67, 57.63
CIElCh	82, 85.879, 137.848
Yxy	59.7008, 0.3073, 0.5288
Android (android.graphics.Color)	4284474966 (0xFF5FE656)
YUV	173.2190, -42.9990, -68.5981
Hunter-Lab	77.2647, -55.0576, 39.8904

# Details

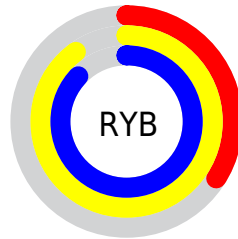
The HunterLab color **77.2647, -55.0576, 39.8904** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **52.6716, 68.5706, -50.6168**, and the grayscale version is **64.9192, -3.4639, 3.5272**.

A 20% lighter version of the original color is **89.7837, -48.8245, 37.8288**, and **54.7415, -46.4247, 31.7956** is the 20% darker color. If you saturate the color by 10%, you get **76.4124, -59.0250, 42.4023**, and if you desaturate by 10%, it is **78.3913, -49.8918, 36.4873**.

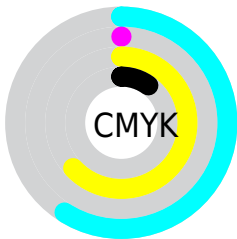
# Distribution



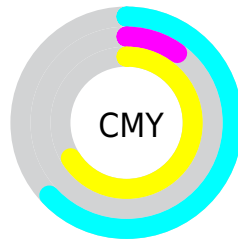
- Red (37%)
- Green (90%)
- Blue (34%)



- Red (34%)
- Yellow (90%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (63%)
- Black (10%)




- Cyan (63%)
- Magenta (10%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.2647, -55.0576, 39.8904 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 77.2647, -55.0576, 39.8904 by changing the saturation by 10% instead.




 77.2647, -55.0576,  
39.8904


 77.2647, -55.0576,  
39.8904


205.7897,  
-87.1111, 70.2961


 65.7096, -50.8957,  
35.9486


 102.1742,  
-62.8839, 47.3170


 54.7946, -46.5157,  
31.8172


 115.4711,  
-66.5992, 50.8444

 44.5614, -41.8650,  
27.4646


 129.2996,  
-70.2090, 54.2710

 35.0589, -36.8677,  
22.8593

 143.6398,  
-73.7282, 57.6103

 26.3483, -31.4134,  
18.4438

158.4742,  
-77.1688, 60.8736

 18.5097, -25.3860,  
12.9568

173.7868,

 11.6534, -20.3934,

-80.5408, 64.0705

8.1574

189.5630,  
-83.8526, 67.2090

■ 4.3066, -7.5365,  
3.0146

0.0000, NaN, NaN

■ 77.2647, -55.0576,  
39.8904

■ 77.2647, -55.0576,  
39.8904

■ 76.4124, -59.0250,  
42.4023

■ 78.3913, -49.8918,  
36.4873

■ 75.8129, -61.8245,  
44.0630


■ 79.7974, -43.5352,  
32.1876


■ 75.4435, -63.5450,  
44.9586


■ 81.4889, -36.0381,  
27.0179

■ 75.2943, -64.2360,  
45.2714

■ 83.4656, -27.4787,  
21.0283

 85.7230, -17.9557,  
14.2859

 88.2533, -7.5787,  
6.8683

 91.0465, 3.5387,  
-1.1426

 92.2366, 8.0896,  
-3.8368

# Harmonies

## Analogous

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



77.2663, -27.2087, 47.2895



77.2647, -55.0576, 39.8904



77.2663, -67.9502, 18.6067

# Triad

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



77.2663, -55.0588, 39.8908



77.2663, -20.2986, -113.7659



77.2663, 88.0177, 24.1295

# Complementary

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



77.2647, -55.0576, 39.8904



52.6716, 68.5706, -50.6168

# 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.



77.2663, 90.9730, -13.6439



77.2647, -55.0576, 39.8904



77.2663, 22.0293, -109.3967

# Square

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



77.2663, -55.0588, 39.8908



77.2663, -50.9287, -76.4529



77.2663, 64.7926, -66.5317



77.2663, 57.4142, 42.0868



# Rectangle

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



77.2647, -55.0576, 39.8904



77.2663, -68.6185, -6.9568



77.2663, 64.7926, -66.5317



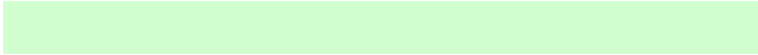
77.2663, 92.4812, 13.9172

# Sweetspot

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



77.2663, -55.0588, 39.8908



94.6798, -27.2603, 21.0779



83.0027, -16.1931, 44.5729



43.4777, -13.9964, 10.7288

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.2663, -55.0588, 39.8908



85.6805, -67.3687, 48.2858



77.9266, -50.4426, 25.6905



40.1645, -6.8589, 5.5799



56.6677, -48.2652, 34.0734



15.4538, -12.9097, 9.2966



# Inverse Universe

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



52.6716, 68.5706, -50.6168



54.7015, 89.7810, -67.2652



51.2760, 59.9345, -9.9671



38.1667, 2.9005, -1.5105



33.8938, 67.5869, -52.0718

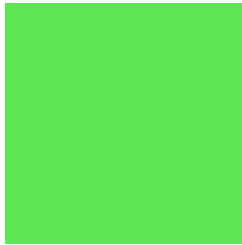


9.2891, 18.4809, -13.9431



# Previews

## White Background



This preview shows how the HunterLab color 77.2647, -55.0576, 39.8904 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

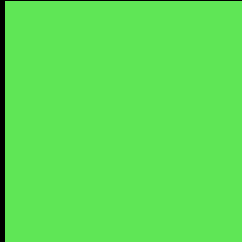
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.2647, -55.0576, 39.8904 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 77.2647, -55.0576, 39.8904 Background



This preview shows how black text looks on a background with the HunterLab color 77.2647, -55.0576, 39.8904.



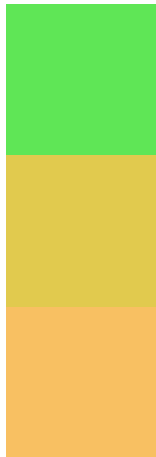
This preview shows how white text looks on a background with the HunterLab color 77.2647, -55.0576, 39.8904.

-55.0576, 39.8904.

# 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

77.2647, -55.0576, 39.8904

### Protanopia

76.6803, -9.5412, 41.5099

### Deuteranopia

76.5099, 5.5430, 38.2875



## Tritanopia

76.8591, -23.2347, -12.5152

# Trichromacy



## Original Color

77.2647, -55.0576, 39.8904



## Protanomaly

75.5950, -29.8387, 39.9534



## Deuteranomaly

74.9381, -21.9765, 37.4134



## Tritanomaly

76.2854, -37.4845, 12.7905

# Monochromacy



## Original Color

77.2647, -55.0576, 39.8904



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

68.2103, -25.7440, 19.6763

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.2647, -55.0576, 39.8904 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(95, 230, 86)` looks like.

```
.text, #text, p{  
    color:rgb(95, 230, 86)  
}
```

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(95, 230, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 230, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.2647, -55.0576, 39.8904 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(95, 230, 86) }
```



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

```
.border{ border-color:rgb(95, 230, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 230, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 230, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 230, 86);  
box-shadow:4px 4px 4px 4px rgb(95, 230,  
86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.2647, -55.0576, 39.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 230, 86) }
```

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

```
.background{ background-color: rgb(95, 230,  
86) }
```

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