

# Converting Colors

HunterLab(87.3238, -55.4737,  
39.2575)

Have a look what the booklet for  
HunterLab(87.3238, -55.4737,  
39.2575) contains.

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# Color

**HunterLab(87.3032,  
-55.5390, 39.1875)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFD7F
RGB	126, 253, 127
RGB Percent	49%, 99%, 50%
CMY	0.5059, 0.0078, 0.5019
CMYK	0.50, 0.00, 0.50, 0.01
HSL	120°, 97%, 74%
HSV	120°, 50%, 99%
XYZ	47.5602, 76.2185, 32.2837
YIQ	200.6630, -35.2460, -66.1100

# Conversions

## Conversions Part 2

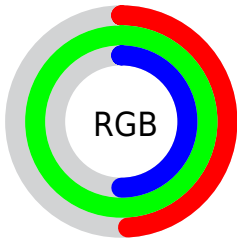
Format	Color
<a href="#">RYB</a>	<a href="#">126, 252, 253</a>
Decimal	<a href="#">8322431</a>
CIELab	<a href="#">89.96, -59.78, 49.33</a>
CIELCh	<a href="#">90, 77.500, 140.470</a>
Yxy	<a href="#">76.2217, 0.3048, 0.4884</a>
Android (android.graphics.Color)	<a href="#">4286512511 (0xFF7EFD7F)</a>
YUV	<a href="#">200.6630, -36.3159, -65.4795</a>
Hunter-Lab	<a href="#">87.3032, -55.5390, 39.1875</a>

# Details

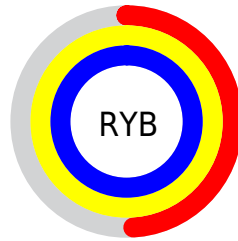
The HunterLab color  $87.3032, -55.5390, 39.1875$  is a light color, and the websafe version is hex  $66FF99$ . A complement of this color would be  $65.4476, 64.2234, -41.9794$ , and the grayscale version is  $76.4436, -4.0788, 4.1533$ .

A 20% lighter version of the original color is  $92.3778, -37.1192, 27.8685$ , and  $63.6779, -47.6986, 32.3708$  is the 20% darker color. If you saturate the color by 10%, you get  $86.0002, -61.5545, 43.2665$ , and if you desaturate by 10%, it is  $88.9563, -48.0767, 34.1438$ .

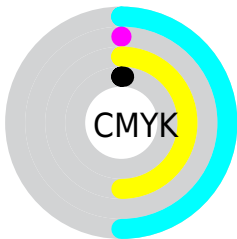
# Distribution



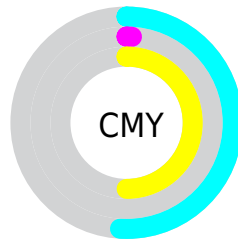
- Red (49%)
- Green (99%)
- Blue (50%)



- Red (49%)
- Yellow (99%)
- Blue (99%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)




- Cyan (51%)
- Magenta (1%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3032, -55.5390, 39.1875 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 87.3032, -55.5390, 39.1875 by changing the saturation by 10% instead.





 87.3032, -55.5390,  
39.1875


 87.3032, -55.5390,  
39.1875


219.5692,  
-85.3504, 65.4125


 75.2425, -51.7504,  
35.8754


 113.1549,  
-62.7269, 45.4849

 63.7931, -47.7926,  
32.4246


 126.8937,  
-66.1635, 48.5018

 52.9918, -43.6284,  
28.8076


 141.1476,  
-69.5156, 51.4480

 42.8801, -39.2045,  
24.9896

155.8985,  
-72.7948, 54.3333

 33.5085, -34.4455,  
20.9302

171.1302,  
-76.0106, 57.1660

 24.9410, -29.2399,  
17.0712


186.8280,

 17.2616, -23.5768,


-79.1708, 59.9530


12.0831


202.9784,  
-82.2822, 62.7002


 10.5883, -18.5294,  
7.4118


0.0000, NaN, NaN


 87.3032, -55.5390,  
39.1875


 87.3032, -55.5390,  
39.1875


 86.0002, -61.5545,  
43.2665


 88.9563, -48.0767,  
34.1438


 85.0286, -66.1039,  
46.3666

 90.9596, -39.2291,  
28.1795

 84.3679, -69.2344,  
48.5166

 93.3141, -29.1018,  
21.3663

 83.9851, -71.0640,  
49.7921

 96.0135, -17.8247,  
13.7923

■ 83.8200, -71.8570,  
50.3510

■ 99.0473, -5.5410,  
5.5542

■ 99.3648, -4.2770,  
4.7017

# Harmonies

## Analogous

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



87.3050, -29.4987, 48.7820



87.3032, -55.5390, 39.1875



87.3050, -67.2742, 15.8128

# Triad

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



87.3050, -55.5404, 39.1881



87.3050, -16.7989, -99.7054



87.3050, 77.8015, 26.2994

# Complementary

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



87.3032, -55.5390, 39.1875



65.4476, 64.2234, -41.9794

# Split Complementary

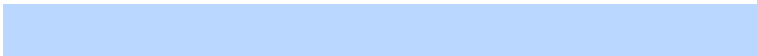
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3050, 82.8355, -7.9763



87.3032, -55.5390, 39.1875



87.3050, 23.3023, -92.6894

# Square

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



87.3050, -55.5404, 39.1881



87.3050, -47.6578, -70.6459



87.3050, 61.4370, -54.3361



87.3050, 48.6978, 43.9481



# Rectangle

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



87.3032, -55.5390, 39.1875



87.3050, -67.1251, -9.3131



87.3050, 61.4370, -54.3361



87.3050, 82.5427, 16.8079

# Sweetspot

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



87.3050, -55.5404, 39.1881



95.5227, -23.5911, 17.6800



96.2515, -21.1869, 46.7798



43.9303, -12.0159, 8.9195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3050, -55.5404, 39.1881



86.7918, -62.0142, 43.5917



88.5355, -48.1398, 21.2795



44.9116, -7.9393, 6.1824



61.1343, -52.4034, 36.7112



19.0782, -16.3389, 11.4249



# Inverse Universe

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



65.4476, 64.2234, -41.9794



61.5672, 77.3686, -50.8378



62.8502, 52.4955, -6.0404



42.7759, 3.5352, -1.5996



38.4905, 75.5450, -49.7705

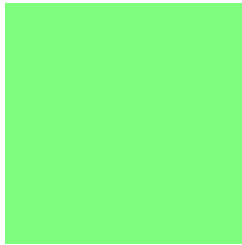


12.0136, 23.5839, -15.5717



# Previews

## White Background



This preview shows how the HunterLab color 87.3032, -55.5390, 39.1875 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 87.3032, -55.5390, 39.1875 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 87.3032, -55.5390, 39.1875 Background



This preview shows how black text looks on a background with the HunterLab color 87.3032, -55.5390, 39.1875.



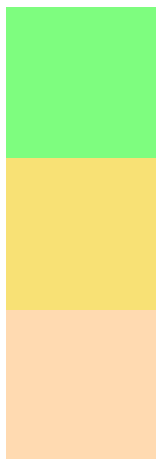
This preview shows how white text looks on a background with the HunterLab color 87.3032,

-55.5390, 39.1875.

# 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

87.3032, -55.5390, 39.1875

### Protanopia

86.6552, -9.8285, 41.7095

### Deuteranopia

86.3581, 2.3406, 24.6970



## Tritanopia

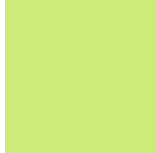
86.8733, -22.0995, -11.4246

# Trichromacy



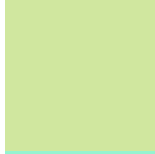
## Original Color

87.3032, -55.5390, 39.1875



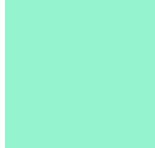
## Protanomaly

85.8106, -29.3913, 39.8630



## Deuteranomaly

85.4780, -22.5238, 29.5252



## Tritanomaly

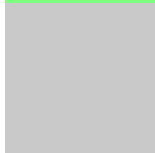
86.6284, -36.5602, 11.8977

# Monochromacy



## Original Color

87.3032, -55.5390, 39.1875



## Achromatopsia

76.4250, -4.0778, 4.1523



## Achromatomaly

79.5242, -25.3916, 18.7025

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3032, -55.5390, 39.1875 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(126, 253, 127)` looks like.

```
.text, #text, p{  
    color:rgb(126, 253, 127)  
}
```

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(126, 253, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 253, 127) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3032, -55.5390, 39.1875 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(126, 253, 127) }
```



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

```
.border{ border-color:rgb(126, 253, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 253, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 253, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 253, 127);  
box-shadow:4px 4px 4px 4px rgb(126, 253,  
127) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3032, -55.5390, 39.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 253, 127) }
```

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

```
.background{ background-color: rgb(126,  
253, 127) }
```

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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