

# Converting Colors

HunterLab(88.7956, -37.8774,  
-6.2824)

Have a look what the booklet for  
HunterLab(88.7956, -37.8774,  
-6.2824) contains.

<b>HunterLab(88.8359, -37.8950, -6.2854)</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(88.8359,  
-37.8950, -6.2854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73FAFA
RGB	115, 250, 250
RGB Percent	45%, 98%, 98%
CMY	0.5490, 0.0196, 0.0196
CMYK	0.54, 0.00, 0.00, 0.02
HSL	180°, 93%, 72%
HSV	180°, 54%, 98%
XYZ	58.5112, 78.9182, 102.5914
YIQ	209.6350, -80.4600, -28.6200

# Conversions

## Conversions Part 2

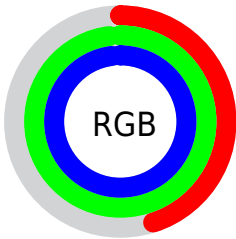
Format	Color
<a href="#">RYB</a>	<a href="#">115, 183, 250</a>
Decimal	<a href="#">7600890</a>
CIELab	<a href="#">91.20, -36.72, -11.25</a>
CIElCh	<a href="#">91, 38.401, 197.031</a>
Yxy	<a href="#">78.9212, 0.2438, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285790970 (0xFF73FAFA)</a>
YUV	<a href="#">209.6350, 19.8999, -82.9949</a>
Hunter-Lab	<a href="#">88.8359, -37.8950, -6.2854</a>

# Details

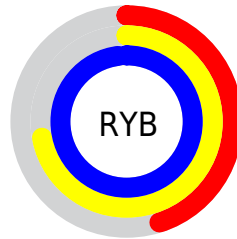
The HunterLab color **88.8359, -37.8950, -6.2854** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **58.1599, 47.5402, 20.1326**, and the grayscale version is **80.0665, -4.2721, 4.3502**.

A 20% lighter version of the original color is **93.8547, -27.4221, -2.4129**, and **65.1969, -32.7199, -6.8135** is the 20% darker color. If you saturate the color by 10%, you get **88.0056, -41.1169, -7.4236**, and if you desaturate by 10%, it is **89.9177, -33.7629, -4.8213**.

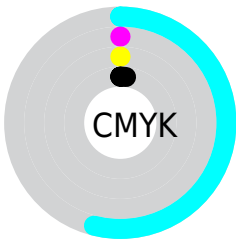
# Distribution



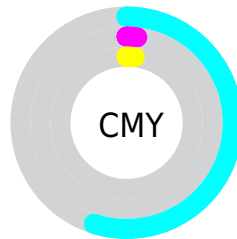
- Red (45%)
- Green (98%)
- Blue (98%)



- Red (45%)
- Yellow (72%)
- Blue (98%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)




- Cyan (55%)
- Magenta (2%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.8359, -37.8950, -6.2854 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 88.8359, -37.8950, -6.2854 by changing the saturation by 10% instead.




 88.8359, -37.8950,  
-6.2854

 88.8359, -37.8950,  
-6.2854


221.6506,  
-58.4960, -2.6101


 76.7014, -35.3991,  
-6.4785


 114.8250,  
-42.7089, -5.7493

 65.1745, -32.8239,  
-6.6191


 128.6286,  
-45.0466, -5.4150

 54.2909, -30.1498,  
-6.7015


 142.9449,  
-47.3486, -5.0394

 44.0914, -27.3487,  
-6.7201

157.7561,  
-49.6206, -4.6248

 34.6251, -24.3804,  
-6.6684

173.0462,  
-51.8677, -4.1729

 25.9542, -21.1835,  
-6.5388

188.8007,

 18.1595, -17.6585,

-54.0938, -3.6856

-6.3238

205.0062,  
-56.3022, -3.1642

■ 11.3536, -15.4347,  
-6.0217

■ 3.6427, -6.3748,  
-12.6000

■ 88.8359, -37.8950,  
-6.2854

■ 88.8359, -37.8950,  
-6.2854

■ 88.0056, -41.1169,  
-7.4236

■ 89.9177, -33.7629,  
-4.8213

■ 87.4070, -43.4557,  
-8.2505


■ 91.2557, -28.7187,  
-3.0344


■ 87.0213, -44.9724,  
-8.7864


■ 92.8570, -22.7865,  
-0.9308


■ 86.8202, -45.7663,  
-9.0668


■ 94.7229, -16.0095,  
1.4751


 86.7616, -45.9978,  
-9.1484

 96.8519, -8.4460,  
4.1635

 98.2528, -3.5615,  
5.9015

 98.2528, -3.5614,  
5.9013

 98.2528, -3.5614,  
5.9011

 98.2528, -3.5613,  
5.9010

# Harmonies

## Analogous

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



88.8376, -38.4786, 12.4899



88.8359, -37.8950, -6.2854



88.8376, -28.9347, -25.4991

# Triad

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



88.8376, -37.8955, -6.2841



88.8376, 24.4577, -23.1429



88.8376, 3.8469, 33.0937

# Complementary

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



88.8359, -37.8950, -6.2854



58.1599, 47.5402, 20.1326

# 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.



88.8376, 22.3467, 27.2174



88.8359, -37.8950, -6.2854



88.8376, 34.9202, -3.5668

# Square

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



88.8376, -37.8955, -6.2841



88.8376, 6.5312, -36.5832



88.8376, 34.1159, 14.6813



88.8376, -15.4853, 32.6746



# Rectangle

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



88.8359, -37.8950, -6.2854



88.8376, -18.9387, -34.7745



88.8376, 34.1159, 14.6813



88.8376, 10.4001, 31.8538

# Sweetspot

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



88.8376, -37.8955, -6.2841



96.4708, -17.8397, 0.9879



85.6804, -56.9154, 40.5742



44.4448, -8.9300, 0.2169

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.8376, -37.8955, -6.2841



89.9311, -42.3505, -7.6980



67.1887, -6.9958, -38.5340



44.2816, -5.8783, 1.2278



63.1880, -33.4999, -6.6628



19.2301, -10.1950, -2.0277



# Inverse Universe

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



58.1599, 47.5402, 20.1326



54.0111, 59.6433, 23.8894



73.6942, 13.6852, 32.5986



41.5033, 1.5363, 3.5120



32.8337, 56.2287, 21.2162

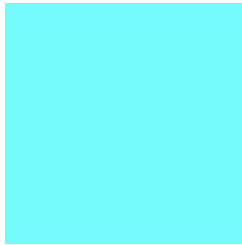


9.9923, 17.1121, 6.4566



# Previews

## White Background



This preview shows how the HunterLab color 88.8359, -37.8950, -6.2854 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

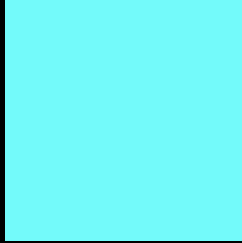
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.8359, -37.8950, -6.2854 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

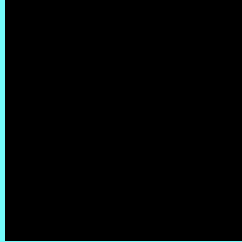
Any Text WCAG AA ✓ Pass

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 88.8359, -37.8950, -6.2854 Background



This preview shows how black text looks on a background with the HunterLab color 88.8359, -37.8950, -6.2854.



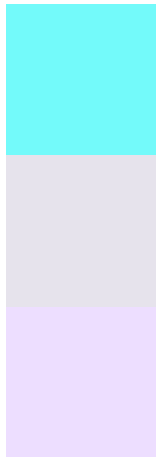
This preview shows how white text looks on a background with the HunterLab color 88.8359,

-37.8950, -6.2854.

# 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

88.8359, -37.8950, -6.2854

### Protanopia

88.2141, -2.1225, 0.9830

### Deuteranopia

88.0154, 6.3847, -9.3844



## Tritanopia

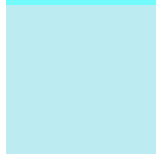
88.5133, -22.9257, -9.2322

# Trichromacy



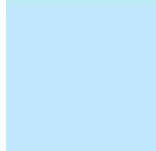
## Original Color

88.8359, -37.8950, -6.2854



## Protanomaly

87.4408, -17.6276, -2.8554



## Deuteranomaly

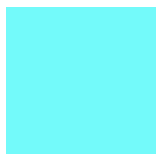
87.2597, -12.4189, -9.5902



## Tritanomaly

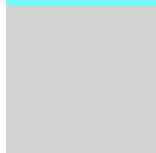
88.3680, -28.8146, -8.4023

# Monochromacy



## Original Color

88.8359, -37.8950, -6.2854



## Achromatopsia

80.2795, -4.2835, 4.3617



## Achromatomaly

82.7047, -19.1319, -0.4396

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.8359, -37.8950, -6.2854 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(115, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(115, 250, 250)  
}
```

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(115, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 250, 250) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.8359, -37.8950, -6.2854 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(115, 250, 250) }
```



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

```
.border{ border-color:rgb(115, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(115, 250,  
250) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.8359, -37.8950, -6.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 250, 250) }
```

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

```
.background{ background-color: rgb(115,  
250, 250) }
```

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