

# Converting Colors

HunterLab(88.8458, -47.8556,  
0.4703)

Have a look what the booklet for  
HunterLab(88.8458, -47.8556,  
0.4703) contains.

<b>HunterLab(88.8462, -47.8503, 0.4417)</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(88.8462,  
-47.8503, 0.4417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46FFED
RGB	70, 255, 237
RGB Percent	27%, 100%, 93%
CMY	0.7254, 0.0000, 0.0706
CMYK	0.73, 0.00, 0.07, 0.00
HSL	174°, 100%, 64%
HSV	174°, 73%, 100%
XYZ	53.5718, 78.9365, 92.5335
YIQ	197.6330, -104.4820, -44.8180

# Conversions

## Conversions Part 2

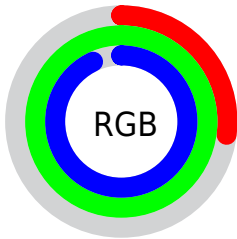
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 167, 255
Decimal	4653037
CIELab	91.21, -49.07, -4.61
CIElCh	91, 49.289, 185.361
Yxy	78.9370, 0.2381, 0.3508
Android (android.graphics.Color)	4282843117 (0xFF46FFED)
YUV	197.6330, 19.4079, -111.9341
Hunter-Lab	88.8462, -47.8503, 0.4417

# Details

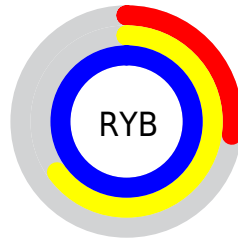
The HunterLab color **88.8462, -47.8503, 0.4417** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **51.3287, 67.3361, 22.1407**, and the grayscale version is **74.9446, -3.9989, 4.0719**.

A 20% lighter version of the original color is **91.9672, -34.5162, -4.9268**, and **65.7789, -38.2990, 0.4586** is the 20% darker color. If you saturate the color by 10%, you get **88.3387, -50.0312, 1.0495**, and if you desaturate by 10%, it is **89.5773, -44.8029, 0.1143**.

# Distribution



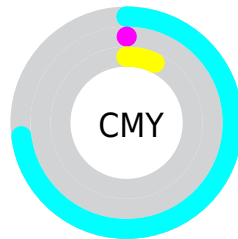
- Red (27%)
- Green (100%)
- Blue (93%)



- Red (27%)
- Yellow (65%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (73%)
- Magenta (0%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.8462, -47.8503, 0.4417 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 88.8462, -47.8503, 0.4417 by changing the saturation by 10% instead.





 88.8462, -47.8503,  
0.4417


 88.8462, -47.8503,  
0.4417


221.6626,  
-73.2843, 6.1718

 76.7099, -44.6789,  
-0.0201


 114.8347,  
-53.9024, 1.4819

 65.1825, -41.3855,  
-0.4384


 128.6387,  
-56.8158, 2.0569

 54.2985, -37.9395,  
-0.8100


 142.9553,  
-59.6688, 2.6659

 44.0984, -34.3006,  
-1.1308

 157.7669,  
-62.4700, 3.3073

 34.6316, -30.4114,  
-1.3952

173.0573,  
-65.2267, 3.9797

 25.9601, -26.1857,  
-1.5959

188.8121,

 18.1647, -21.4871,

-67.9447, 4.6820

-1.7226

205.0180,  
-70.6291, 5.4130

■ 11.3581, -19.8766,  
-1.7605

■ 3.6536, -6.3938,  
-5.0262

■ 88.8462, -47.8503,  
0.4417

■ 88.8462, -47.8503,  
0.4417

■ 88.3387, -50.0312,  
1.0495

■ 89.5773, -44.8029,  
0.1143

■ 88.0267, -51.4406,  
1.9000

■ 90.5507, -40.8416,  
0.0970

■ 87.8885, -52.1142,  
2.6467

■ 91.7805, -35.9470,  
0.4068

■ 93.2752, -30.1294,  
1.0524

■ 95.0391, -23.4227,  
2.0340

■ 97.0725, -15.8794,  
3.3446

■ 99.3727, -7.5657,  
4.9709

■ 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.



88.8465, -44.4747, 21.9170



88.8462, -47.8503, 0.4417



88.8465, -40.7586, -26.0270

# Triad

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



88.8465, -47.8490, 0.4411



88.8465, 24.9278, -41.3100



88.8465, 16.2704, 37.2503

# Complementary

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



88.8462, -47.8503, 0.4417



51.3287, 67.3361, 22.1407

# 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.



88.8465, 38.1112, 27.5034



88.8462, -47.8503, 0.4417



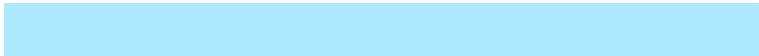
88.8465, 43.4852, -16.4977

# Square

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



88.8465, -47.8490, 0.4411



88.8465, -0.1934, -54.0486



88.8465, 48.5581, 9.0175



88.8465, -9.2075, 39.4640



# Rectangle

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



88.8462, -47.8503, 0.4417



88.8465, -30.5329, -41.8029



88.8465, 48.5581, 9.0175



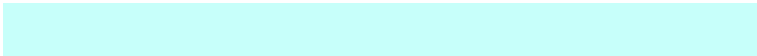
88.8465, 24.3665, 34.9105

# Sweetspot

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



88.8465, -47.8490, 0.4411



95.1430, -23.0326, 2.0971



86.0593, -65.6906, 47.8861



43.7820, -11.5425, 0.8296

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.8465, -47.8490, 0.4411



88.1775, -50.7474, 1.4013



64.4763, -10.1202, -47.4450



45.2208, -6.2133, 1.7610



63.5406, -37.6121, 1.7734



19.8483, -11.6078, 0.2492



# Inverse Universe

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



51.3287, 67.3361, 22.1407



47.5703, 76.1186, 26.1818



64.5374, 31.7683, 34.9990



42.4450, 1.7605, 3.1089



33.3983, 57.3325, 20.5208

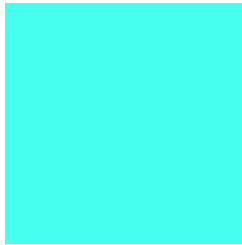


10.4653, 18.0520, 5.7556



# Previews

## White Background



This preview shows how the HunterLab color 88.8462, -47.8503, 0.4417 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

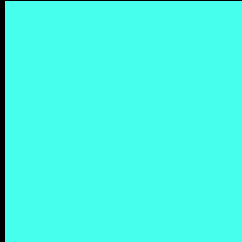
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.8462, -47.8503, 0.4417 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

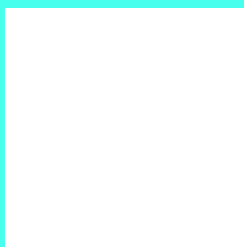
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.8462, -47.8503, 0.4417 Background



This preview shows how black text looks on a background with the HunterLab color 88.8462, -47.8503, 0.4417.



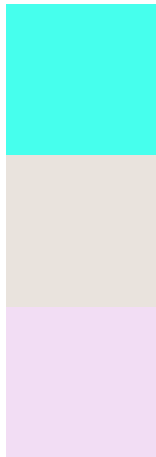
This preview shows how white text looks on a background with the HunterLab color 88.8462, -47.8503, 0.4417.

-47.8503, 0.4417.

# 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

88.8462, -47.8503, 0.4417

### Protanopia

88.0240, -3.7282, 8.0983

### Deuteranopia

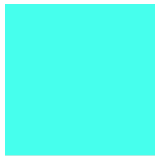
87.8190, 6.4919, -3.5564



**Tritanopia**

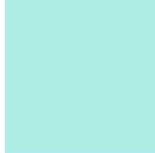
88.4880, -24.7431, -9.2977

# Trichromacy



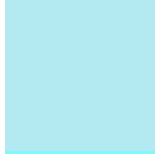
## Original Color

88.8462, -47.8503, 0.4417



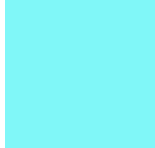
## Protanomaly

86.6678, -24.7880, 3.2543



## Deuteranomaly

86.1466, -18.9608, -4.5239



## Tritanomaly

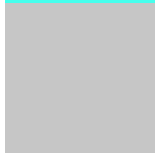
88.2542, -34.8988, -5.8905

# Monochromacy



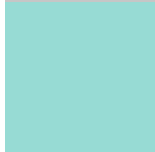
## Original Color

88.8462, -47.8503, 0.4417



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

78.7374, -24.4896, 1.1859

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.8462, -47.8503, 0.4417 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(70, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(70, 255, 237)  
}
```

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(70, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 255, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.8462, -47.8503, 0.4417 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(70, 255, 237) }
```



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

```
.border{ border-color:rgb(70, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(70, 255,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.8462, -47.8503, 0.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 255, 237) }
```

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

```
.background{ background-color: rgb(70, 255,  
237) }
```

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