

# Converting Colors

HunterLab(100.0000, -78.5863,  
5.9644)

Have a look what the booklet for  
HunterLab(100.0000, -78.5863,  
5.9644) contains.

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# Color

**HunterLab(88.5918,  
-47.9003, -7.3290)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00FFFB                        |
| RGB         | 0, 255, 251                   |
| RGB Percent | 0%, 100%, 98%                 |
| CMY         | 0.9997, 0.0000, 0.0157        |
| CMYK        | 1.00, 0.00, 0.02, 0.00        |
| HSL         | 179°, 100%, 50%               |
| HSV         | 179°, 100%, 100%              |
| XYZ         | 53.1726, 78.4851, 103.6135    |
| YIQ         | 178.2990, -150.6960, -55.3040 |

# Conversions

## Conversions Part 2

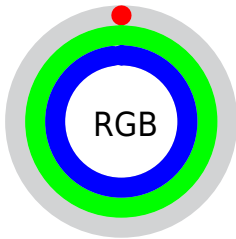
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 129, 255                     |
| Decimal                             | 65531                           |
| CIELab                              | 91.00, -49.22, -12.24           |
| CIELCh                              | 91, 50.717, 193.962             |
| Yxy                                 | 78.4856, 0.2260,<br>0.3336      |
| Android<br>(android.graphics.Color) | 4278255611<br>(0xFF00FFFB)      |
| YUV                                 | 178.2990, 35.8416,<br>-156.3682 |
| Hunter-Lab                          | 88.5918, -47.9003,<br>-7.3290   |

# Details

The HunterLab color **88.5918, -47.9003, -7.3290** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **46.1200, 78.9922, 29.6515**, and the grayscale version is **66.7578, -3.5620, 3.6271**.

A 20% lighter version of the original color is **90.9972, -38.2240, -6.2396**, and **66.2364, -35.5613, -6.0232** is the 20% darker color. If you saturate the color by 10%, you get **88.5918, -47.9002, -7.3293**, and if you desaturate by 10%, it is **88.7268, -47.3367, -7.3651**.

# Distribution



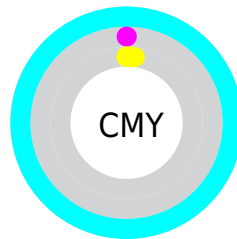
- Red (0%)
- Green (100%)
- Blue (98%)



- Red (0%)
- Yellow (51%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.5918, -47.9003, -7.3290 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 88.5918, -47.9003, -7.3290 by changing the saturation by 10% instead.





 88.5918, -47.9003,  
-7.3290


 88.5918, -47.9003,  
-7.3290


221.3175,  
-73.4016, -3.9578


 76.4676, -44.7183,  
-7.4853


 114.5576,  
-53.9705, -6.8684


 64.9531, -41.4135,  
-7.5861


 128.3509,  
-56.8921, -6.5693

 54.0827, -37.9547,  
-7.6273


 142.6572,  
-59.7529, -6.2281

 43.8971, -34.3013,  
-7.6035

 157.4588,  
-62.5614, -5.8468

 34.4459, -30.3951,  
-7.5083

172.7396,  
-65.3250, -5.4275

 25.7914, -26.1489,  
-7.3348

188.4850,

 18.0150, -21.4246,

-68.0496, -4.9719

-7.0773

204.6817,  
-70.7404, -4.4815

■ 11.2301, -19.6527,  
-6.7398

■ 3.3290, -5.8258,  
-15.0560

■ 88.5918, -47.9003,  
-7.3290

■ 88.5918, -47.9003,  
-7.3290

■ 88.5918, -47.9002,  
-7.3293

■ 88.7268, -47.3367,  
-7.3651

■ 89.0177, -46.1590,  
-7.1861

■ 89.5105, -44.1934,  
-6.7310

■ 90.2306, -41.3558,  
-5.9687

■ 91.1966, -37.5987,  
-4.8801

■ 92.4213, -32.9059,  
-3.4572

■ 93.9128, -27.2883,  
-1.7011

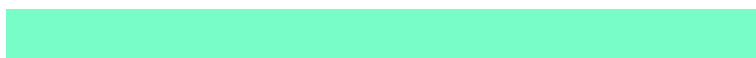
■ 95.6748, -20.7797,  
0.3787

■ 97.7072, -13.4322,  
2.7664

# Harmonies

## Analogous

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



88.5921, -47.5272, 16.8893



88.5918, -47.9003, -7.3290



88.5921, -37.6724, -34.5667

# Triad

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



88.5921, -47.8988, -7.3295



88.5921, 32.3827, -36.2913



88.5921, 9.3879, 39.2322

# Complementary

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



88.5918, -47.9003, -7.3290



46.1200, 78.9922, 29.6515

# 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.



88.5921, 33.8589, 31.7143



88.5918, -47.9003, -7.3290



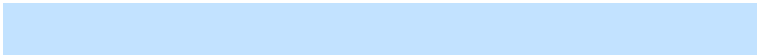
88.5921, 48.1362, -9.2243

# Square

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



88.5921, -47.8988, -7.3295



88.5921, 7.5517, -54.2507



88.5921, 48.7055, 15.4645



88.5921, -16.3805, 39.4709



# Rectangle

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



88.5918, -47.9003, -7.3290



88.5921, -25.4642, -48.8885



88.5921, 48.7055, 15.4645



88.5921, 18.1020, 37.5965

# Sweetspot

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



88.5921, -47.8988, -7.3295



93.9080, -27.3061, -1.7068



84.5861, -72.4471, 50.8517



43.1402, -13.7797, -1.1506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.5921, -47.8988, -7.3295



88.5918, -47.9002, -7.3293



48.6467, 11.2728, -85.1334



45.2507, -6.0469, 1.3347



64.0409, -34.6145, -5.3229



19.9869, -10.7783, -1.7146



# Inverse Universe

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



46.1200, 78.9922, 29.6515



46.1181, 78.9976, 29.6531



59.5800, 40.6178, 37.4219



42.4166, 1.6077, 3.5143



33.3397, 57.1150, 21.3905

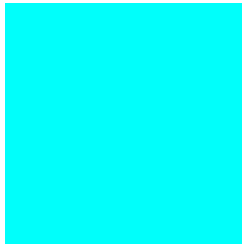


10.4107, 17.8496, 6.5640



# Previews

## White Background



This preview shows how the HunterLab color 88.5918, -47.9003, -7.3290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

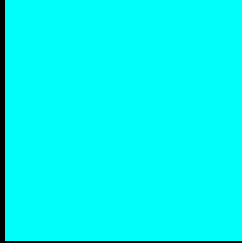
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.5918, -47.9003, -7.3290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

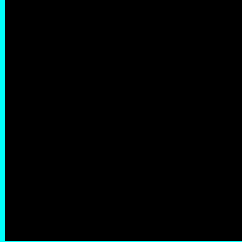
Any Text WCAG AA ✓ Pass

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 88.5918, -47.9003, -7.3290 Background



This preview shows how black text looks on a background with the HunterLab color 88.5918, -47.9003, -7.3290.



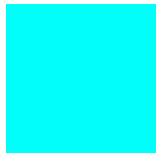
This preview shows how white text looks on a background with the HunterLab color 88.5918,

-47.9003, -7.3290.

# Color Blindness Simulation

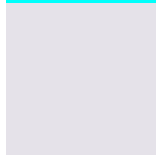
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



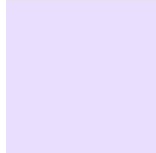
### Original Color

88.5918, -47.9003, -7.3290



### Protanopia

87.7120, -2.4583, 1.8942



### Deuteranopia

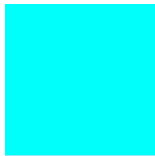
87.7240, 5.4062, -9.7928



## Tritanopia

88.1435, -26.0221, -9.7801

# Trichromacy



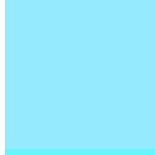
## Original Color

88.5918, -47.9003, -7.3290



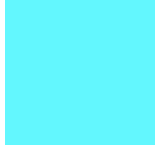
## Protanomaly

85.4229, -28.5720, -5.0814



## Deuteranomaly

85.0829, -23.6332, -13.3269



## Tritanomaly

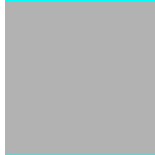
87.3670, -37.8741, -10.4604

# Monochromacy



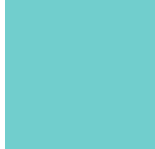
## Original Color

88.5918, -47.9003, -7.3290



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

72.1534, -27.5580, -3.4826

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.5918, -47.9003, -7.3290 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(0, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 251)  
}
```

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(0, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 251) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.5918, -47.9003, -7.3290 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(0, 255, 251) }
```



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

```
.border{ border-color:rgb(0, 255, 251) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
251) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.5918, -47.9003, -7.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 251) }
```

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

```
.background{ background-color: rgb(0, 255,  
251) }
```

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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