

# Converting Colors

HunterLab(88.3154, -49.5518,  
-3.4186)

Have a look what the booklet for  
HunterLab(88.3154, -49.5518,  
-3.4186) contains.

<b>HunterLab(88.3125, -49.5690, -3.3778)</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(88.3125,  
-49.5690, -3.3778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFF3
RGB	0, 255, 243
RGB Percent	0%, 100%, 95%
CMY	0.9997, 0.0000, 0.0471
CMYK	1.00, 0.00, 0.05, 0.00
HSL	177°, 100%, 50%
HSV	177°, 100%, 100%
XYZ	51.9376, 77.9910, 97.1103
YIQ	177.3870, -148.1280, -57.7920

# Conversions

## Conversions Part 2

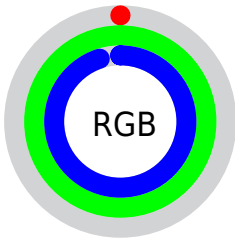
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 255
Decimal	65523
CIELab	90.78, -51.46, -8.42
CIELCh	91, 52.148, 189.291
Yxy	77.9916, 0.2288, 0.3435
Android (android.graphics.Color)	4278255603 (0xFF00FFF3)
YUV	177.3870, 32.3472, -155.5684
Hunter-Lab	88.3125, -49.5690, -3.3778

# Details

The HunterLab color **88.3125, -49.5690, -3.3778** 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 **46.1391, 79.0645, 29.3652**, and the grayscale version is **66.3900, -3.5424, 3.6071**.

A 20% lighter version of the original color is **90.9577, -38.3760, -6.2933**, and **65.9700, -37.1534, -2.2533** is the 20% darker color. If you saturate the color by 10%, you get **88.3125, -49.5693, -3.3771**, and if you desaturate by 10%, it is **88.4748, -48.8406, -3.8005**.

# Distribution



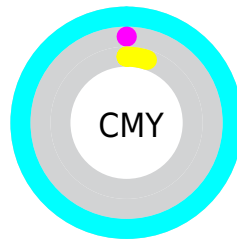
- Red (0%)
- Green (100%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3125, -49.5690, -3.3778 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 88.3125, -49.5690, -3.3778 by changing the saturation by 10% instead.





 88.3125, -49.5690,  
-3.3778


 88.3125, -49.5690,  
-3.3778


220.9385,  
-75.9757, 1.1417


 76.2018, -46.2594,  
-3.6811


 114.2533,  
-55.8732, -2.6368


 64.7013, -42.8179,  
-3.9341


 128.0348,  
-58.9030, -2.2037

 53.8458, -39.2115,  
-4.1328


 142.3298,  
-61.8670, -1.7322

 43.6761, -35.3969,  
-4.2719

 157.1204,  
-64.7745, -1.2241

 34.2421, -31.3124,  
-4.3447

172.3906,  
-67.6332, -0.6813

 25.6064, -26.8656,  
-4.3428

188.1257,

 17.8509, -21.9106,

-70.4495, -0.1052

-4.2555

204.3125,  
-73.2288, 0.5029

■ 11.0900, -19.4076,  
-4.0713

■ 2.9311, -5.1295,  
-11.7472

■ 88.3125, -49.5690,  
-3.3778

■ 88.3125, -49.5690,  
-3.3778

■ 88.3125, -49.5693,  
-3.3771

■ 88.4748, -48.8406,  
-3.8005

■ 88.7934, -47.4936,  
-4.0151

■ 89.3144, -45.3547,  
-3.9600

■ 90.0631, -42.3415,  
-3.6020

91.0578, -38.4087,  
-2.9197

92.3112, -33.5421,  
-1.9022

93.8310, -27.7550,  
-0.5479

95.6207, -21.0833,  
1.1368

97.6803, -13.5806,  
3.1387

# Harmonies

## Analogous

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



88.3128, -47.4854, 20.2803



88.3125, -49.5690, -3.3778



88.3128, -40.7777, -31.7058

# Triad

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



88.3128, -49.5677, -3.3783



88.3128, 29.9046, -41.5092



88.3128, 14.0238, 39.1780

# Complementary

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



88.3125, -49.5690, -3.3778



46.1391, 79.0645, 29.3652

# 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.



88.3128, 38.2569, 30.3131



88.3125, -49.5690, -3.3778



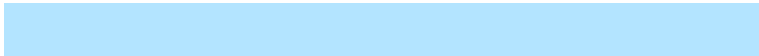
88.3128, 48.1497, -14.0982

# Square

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



88.3128, -49.5677, -3.3783



88.3128, 3.6573, -57.6165



88.3128, 51.3742, 12.2770



88.3128, -12.7903, 40.4992



# Rectangle

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



88.3125, -49.5690, -3.3778



88.3128, -29.2494, -47.8155



88.3128, 51.3742, 12.2770



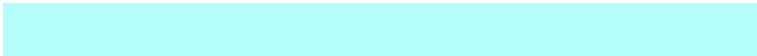
88.3128, 22.8254, 37.1405

# Sweetspot

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



88.3128, -49.5677, -3.3783



93.8267, -27.7712, -0.5519



84.6193, -72.3049, 50.8749



43.0970, -14.0277, -0.5382

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.3128, -49.5677, -3.3783



88.3125, -49.5693, -3.3771



51.0475, 6.7220, -78.3110



45.2392, -6.1110, 1.4991



63.8423, -35.8011, -2.5130



19.9321, -11.1055, -0.9399



# Inverse Universe

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



46.1391, 79.0645, 29.3652



46.1373, 79.0692, 29.3668



57.8558, 44.8293, 36.4333



42.4275, 1.6663, 3.3589



33.3595, 57.1882, 21.0977

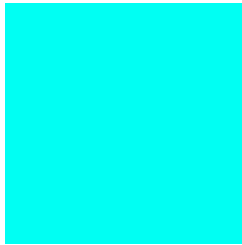


10.4317, 17.9276, 6.2521



# Previews

## White Background



This preview shows how the HunterLab color 88.3125, -49.5690, -3.3778 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

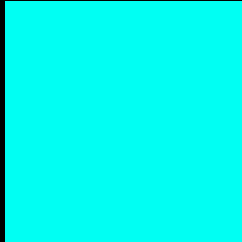
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.3125, -49.5690, -3.3778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

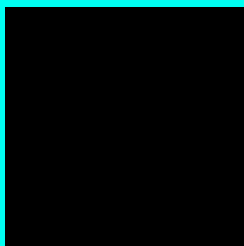
Any Text WCAG AA ✓ Pass

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 88.3125, -49.5690, -3.3778 Background



This preview shows how black text looks on a background with the HunterLab color 88.3125, -49.5690, -3.3778.



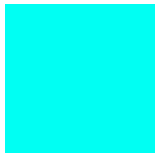
This preview shows how white text looks on a background with the HunterLab color 88.3125,

-49.5690, -3.3778.

# Color Blindness Simulation

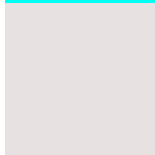
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

88.3125, -49.5690, -3.3778



### Protanopia

87.3672, -2.5048, 4.9630



### Deuteranopia

87.2674, 6.6848, -8.1164



## Tritanopia

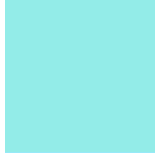
87.9771, -26.6420, -10.0139

# Trichromacy



## Original Color

88.3125, -49.5690, -3.3778



## Protanomaly

84.8647, -29.4772, -1.5599



## Deuteranomaly

84.6371, -24.0113, -10.4784



## Tritanomaly

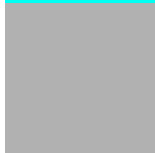
87.1940, -38.7611, -9.0094

# Monochromacy



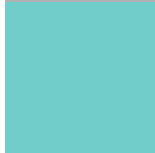
## Original Color

88.3125, -49.5690, -3.3778



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

71.6871, -27.8848, -2.0172

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3125, -49.5690, -3.3778 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3125, -49.5690, -3.3778 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, 243) }
```



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

```
.border{ border-color:rgb(0, 255, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.3125, -49.5690, -3.3778 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, 243) }
```

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

```
.background{ background-color: rgb(0, 255,  
243) }
```

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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