

# Converting Colors

HunterLab(66.0919, -29.5661,  
-78.6942)

Have a look what the booklet for  
HunterLab(66.0919, -29.5661,  
-78.6942) contains.

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# Color

**HunterLab(69.3303,  
-22.2730, -38.5758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C7FF
RGB	0, 199, 255
RGB Percent	0%, 78%, 100%
CMY	0.9997, 0.2196, 0.0000
CMYK	1.00, 0.22, 0.00, 0.00
HSL	193°, 100%, 50%
HSV	193°, 100%, 100%
XYZ	38.4735, 48.0669, 101.8579
YIQ	145.8830, -136.5800, -24.7720

# Conversions

## Conversions Part 2

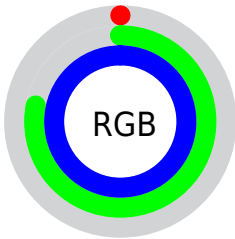
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 255
Decimal	51199
CIELab	74.87, -21.80, -38.93
CIELCh	75, 44.622, 240.752
Yxy	48.0685, 0.2042, 0.2551
Android (android.graphics.Color)	4278241279 (0xFF00C7FF)
YUV	145.8830, 53.7947, -127.9394
Hunter-Lab	69.3303, -22.2730, -38.5758

# Details

The HunterLab color **69.3303, -22.2730, -38.5758** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **49.0874, 69.2181, 31.4565**, and the grayscale version is **53.4063, -2.8496, 2.9017**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **49.3234, -12.7842, -34.0526** is the 20% darker color. If you saturate the color by 10%, you get **69.3255, -22.2663, -38.5842**, and if you desaturate by 10%, it is **71.3495, -24.2855, -35.0771**.

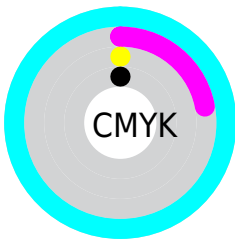
# Distribution



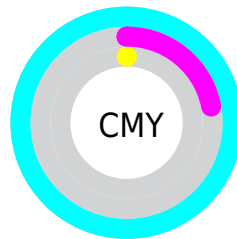
- Red (0%)
- Green (78%)
- Blue (100%)



- Red (0%)
- Yellow (44%)
- Blue (100%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.3303, -22.2730, -38.5758 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 69.3303, -22.2730, -38.5758 by changing the saturation by 10% instead.



69.3303, -22.2730,  
-38.5758

69.3303, -22.2730,  
-38.5758

194.6955,  
-37.3438, -42.6016

58.2075, -20.5045,  
-37.9187

93.4379, -25.7129,  
-39.7889

47.7517, -18.6888,  
-37.2562

106.3605,  
-27.4005, -40.3327

38.0100, -16.8078,  
-36.6259

119.8295,  
-29.0739, -40.8294

29.0390, -14.8348,  
-36.1086

133.8234,  
-30.7371, -41.2781

20.9117, -12.7270,  
-35.8820

148.3232,  
-32.3933, -41.6790

13.7271, -10.4083,  
-36.3980

163.3119,

7.3412, -12.8471,

-34.0452, -42.0325

-41.0738

178.7741,  
-35.6948, -42.3396

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.3303, -22.2730,  
-38.5758

■ 69.3303, -22.2730,  
-38.5758

■ 69.3255, -22.2663,  
-38.5842

■ 71.3495, -24.2855,  
-35.0771

■ 73.5666, -25.5808,  
-31.3643

■ 76.0217, -26.0087,  
-27.3965

■ 78.7261, -25.5308,  
-23.1870

■ 81.6823, -24.1505,

-18.7627

■ 84.8868, -21.8995,  
-14.1562

■ 88.3325, -18.8278,  
-9.4016

■ 92.0096, -14.9965,  
-4.5308

■ 95.9070, -10.4715,  
0.4273

# Harmonies

## Analogous

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



69.3314, -34.9807, -18.7673



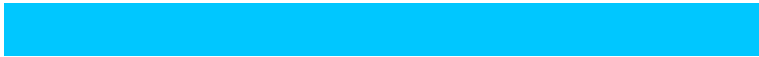
69.3303, -22.2730, -38.5758



69.3314, -3.1747, -46.3914

# Triad

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



69.3314, -22.2728, -38.5737



69.3314, 41.2498, 4.2739



69.3314, -23.0855, 29.2520

# Complementary

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



69.3303, -22.2730, -38.5758



49.0874, 69.2181, 31.4565

# 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.



69.3314, -4.2299, 32.1577



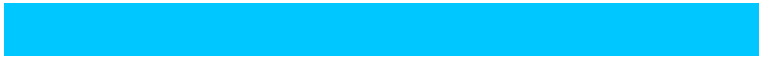
69.3303, -22.2730, -38.5758



69.3314, 34.3401, 20.6193

# Square

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



69.3314, -22.2728, -38.5737



69.3314, 34.9769, -17.6327



69.3314, 17.0535, 29.5368



69.3314, -35.4094, 19.9799



# Rectangle

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



69.3303, -22.2730, -38.5758



69.3314, 11.1245, -42.3597



69.3314, 17.0535, 29.5368



69.3314, -17.3806, 30.8572

# Sweetspot

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



69.3314, -22.2728, -38.5737



88.3217, -18.8383, -9.4161



84.7345, -71.4836, 48.4051



40.1764, -9.3587, -5.2911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

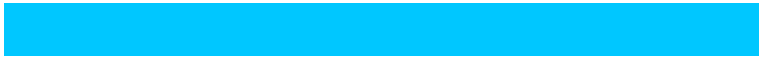


# Same Dimension

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



69.3314, -22.2728, -38.5737



69.3255, -22.2663, -38.5842



34.4888, 45.1651, -140.5985



44.4573, -4.7399, 0.3052



50.3421, -16.4150, -27.4880



16.2077, -5.8072, -7.7221



# Inverse Universe

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



50.3838, 94.4595, -30.8858



50.3814, 94.4627, -30.8782



74.1843, 10.0407, 45.8860



42.6943, 3.0988, -0.4419



36.4505, 68.3965, -22.7551



11.4444, 21.5919, -8.0552



# Previews

## White Background



This preview shows how the HunterLab color 69.3303, -22.2730, -38.5758 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 69.3303, -22.2730, -38.5758 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

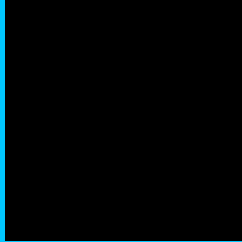
Any Text WCAG AA ✓ Pass

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 69.3303, -22.2730, -38.5758 Background



This preview shows how black text looks on a background with the HunterLab color 69.3303, -22.2730, -38.5758.



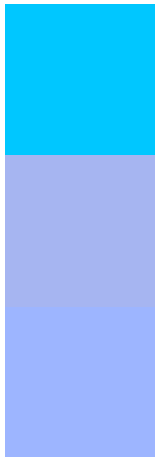
This preview shows how white text looks on a background with the HunterLab color 69.3303, -22.2730, -38.5758.

-22.2730, -38.5758.

# 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

69.3303, -22.2730, -38.5758

### Protanopia

68.9243, 4.0215, -29.0454

### Deuteranopia

68.8737, 5.1128, -38.9140



## Tritanopia

69.1566, -32.8999, -15.4184

# Trichromacy



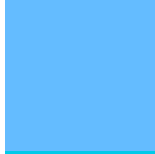
## Original Color

69.3303, -22.2730, -38.5758



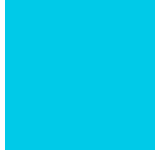
## Protanomaly

67.5903, -11.1632, -35.0284



## Deuteranomaly

67.7464, -9.7676, -41.2244



## Tritanomaly

69.3306, -29.4504, -23.0821

# Monochromacy



## Original Color

69.3303, -22.2730, -38.5758



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

57.2561, -16.5466, -13.1133

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.3303, -22.2730, -38.5758 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 255)  
}
```

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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.3303, -22.2730, -38.5758 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, 199, 255) }
```



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

```
.border{ border-color:rgb(0, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.3303, -22.2730, -38.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 255) }
```

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

```
.background{ background-color: rgb(0, 199,  
255) }
```

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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