

# Converting Colors

HunterLab(68.6333, -44.5209,  
-29.2368)

Have a look what the booklet for  
HunterLab(68.6333, -44.5209,  
-29.2368) contains.

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# Color

**HunterLab(71.9951,  
-30.8334, -23.4272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1EF
RGB	0, 209, 239
RGB Percent	0%, 82%, 94%
CMY	0.9997, 0.1804, 0.0627
CMYK	1.00, 0.13, 0.00, 0.06
HSL	188°, 100%, 47%
HSV	188°, 100%, 94%
XYZ	38.3805, 51.8329, 89.6433
YIQ	149.9290, -134.1940, -34.9780

# Conversions

## Conversions Part 2

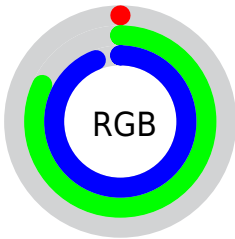
Format	Color
<b>RYB</b>	0, 111, 239
Decimal	53743
CIELab	77.18, -32.07, -26.79
CIELCh	77, 41.791, 219.872
Yxy	51.8348, 0.2134, 0.2882
Android (android.graphics.Color)	4278243823 (0xFF00D1EF)
YUV	149.9290, 43.9120, -131.4877
Hunter-Lab	71.9951, -30.8334, -23.4272

# Details

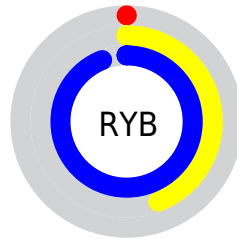
The HunterLab color **71.9951, -30.8334, -23.4272** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.9122, 69.7481, 28.2771**, and the grayscale version is **55.0727, -2.9385, 2.9922**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **51.5074, -20.4710, -20.1886** is the 20% darker color. If you saturate the color by 10%, you get **71.9933, -30.8307, -23.4307**, and if you desaturate by 10%, it is **73.1536, -31.6351, -21.6631**.

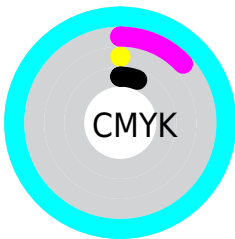
# Distribution



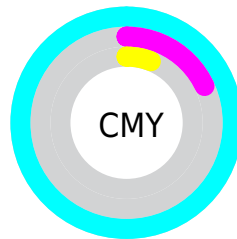
- Red (0%)
- Green (82%)
- Blue (94%)



- Red (0%)
- Yellow (44%)
- Blue (94%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (18%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.9951, -30.8334, -23.4272 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 71.9951, -30.8334, -23.4272 by changing the saturation by 10% instead.



71.9951, -30.8334,  
-23.4272

71.9951, -30.8334,  
-23.4272

198.4436,  
-49.9833, -24.6432

60.7235, -28.4914,  
-23.0231

96.3782, -35.3240,  
-24.0592

50.1094, -26.0615,  
-22.5635

109.4293,  
-37.4979, -24.2919

40.1978, -23.5163,  
-22.0534

123.0215,  
-39.6362, -24.4713

31.0427, -20.8159,  
-21.5088

137.1341,  
-41.7453, -24.5996

22.7126, -17.8979,  
-20.9715

151.7485,  
-43.8306, -24.6789

15.2991, -14.6560,  
-20.5546

166.8481,

8.9168, -15.6043,

-45.8964, -24.7113

-20.6856

182.4177,  
-47.9463, -24.6988

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 71.9951, -30.8334,  
-23.4272

■ 71.9951, -30.8334,  
-23.4272

■ 71.9933, -30.8307,  
-23.4307

■ 73.1536, -31.6351,  
-21.6631

■ 74.4716, -31.8270,  
-19.6831

■ 75.9908, -31.2553,  
-17.4371

■ 77.7281, -29.8658,  
-14.9182

■ 79.6924, -27.6408,

-12.1335

■ 81.8873, -24.5902,  
-9.0991

■ 84.3121, -20.7449,  
-5.8372

■ 86.9629, -16.1505,  
-2.3728

■ 89.8333, -10.8622,  
1.2675

# Harmonies

## Analogous

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



71.9964, -37.6898, -2.5811



71.9951, -30.8334, -23.4272



71.9964, -16.5016, -39.1306

# Triad

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



71.9964, -30.8332, -23.4260



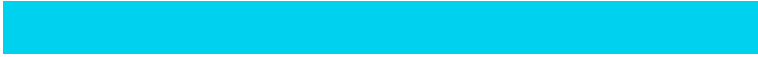
71.9964, 35.5653, -9.7126



71.9964, -10.2666, 31.2770

# Complementary

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



71.9951, -30.8334, -23.4272



43.9122, 69.7481, 28.2771

# 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.



71.9964, 9.7503, 30.3337



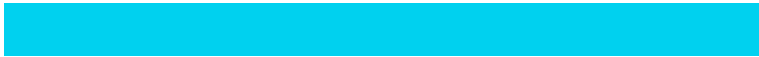
71.9951, -30.8334, -23.4272



71.9964, 37.7001, 9.8644

# Square

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



71.9964, -30.8332, -23.4260



71.9964, 22.2643, -29.8444



71.9964, 27.8158, 23.5090



71.9964, -26.6943, 26.5680

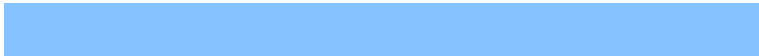


# Rectangle

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



71.9951, -30.8334, -23.4272



71.9964, -3.9303, -42.6037



71.9964, 27.8158, 23.5090



71.9964, -3.7604, 31.5724

# Sweetspot

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



71.9964, -30.8332, -23.4260



90.7130, -22.3887, -6.3306



78.6243, -67.0395, 46.4486



41.4439, -11.2131, -3.6285

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

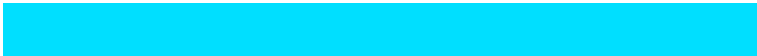


# Same Dimension

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



71.9964, -30.8332, -23.4260



77.4514, -33.1351, -25.2783



37.1854, 27.9478, -106.8034



41.9171, -4.9302, 0.6764



53.6436, -23.0798, -17.2271



15.7730, -7.0407, -4.5160



# Inverse Universe

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



47.9124, 91.6519, -43.5204



51.5625, 98.6329, -46.7628



62.7264, 21.4006, 39.0246



39.9941, 3.0449, -0.8712



35.6347, 68.2018, -32.6030

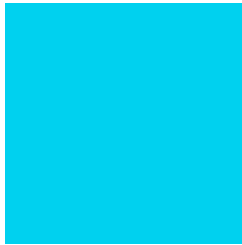


10.3241, 19.8328, -10.0144



# Previews

## White Background



This preview shows how the HunterLab color 71.9951, -30.8334, -23.4272 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

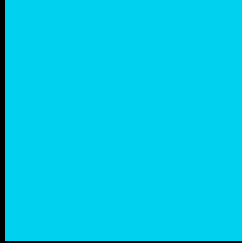
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.9951, -30.8334, -23.4272 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

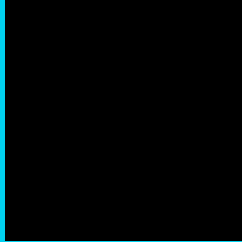
Any Text WCAG AA ✓ Pass

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 71.9951, -30.8334, -23.4272 Background



This preview shows how black text looks on a background with the HunterLab color 71.9951, -30.8334, -23.4272.



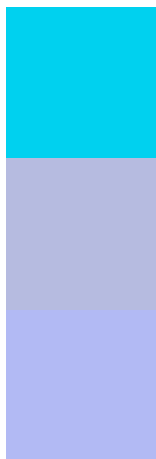
This preview shows how white text looks on a background with the HunterLab color 71.9951,

-30.8334, -23.4272.

# 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

71.9951, -30.8334, -23.4272

### Protanopia

71.3215, 1.6171, -14.6483

### Deuteranopia

71.4944, 5.3328, -26.8299



## Tritanopia

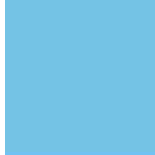
71.8604, -34.0678, -16.2768

# Trichromacy



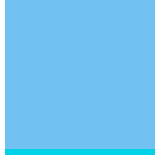
## Original Color

71.9951, -30.8334, -23.4272



## Protanomaly

69.5704, -16.9106, -20.6019



## Deuteranomaly

69.6456, -13.9046, -28.8419



## Tritanomaly

72.0158, -33.1526, -18.4466

# Monochromacy



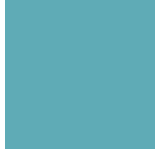
## Original Color

71.9951, -30.8334, -23.4272



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

59.1068, -19.7063, -8.3168

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.9951, -30.8334, -23.4272 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, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 239)  
}
```

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, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.9951, -30.8334, -23.4272 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, 209, 239) }
```



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

```
.border{ border-color:rgb(0, 209, 239) }
```

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

Here you see how a box with a 4 pixel rgb(0, 209, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.9951, -30.8334, -23.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 239) }
```

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

```
.background{ background-color: rgb(0, 209,  
239) }
```

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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