

# Converting Colors

HunterLab(70.0214, -30.2519,  
-22.0149)

Have a look what the booklet for  
HunterLab(70.0214, -30.2519,  
-22.0149) contains.

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# Color

**HunterLab(70.0270,  
-30.2512, -22.0177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04CCE8
RGB	4, 204, 232
RGB Percent	2%, 80%, 91%
CMY	0.9841, 0.2000, 0.0902
CMYK	0.98, 0.12, 0.00, 0.09
HSL	187°, 97%, 46%
HSV	187°, 98%, 91%
XYZ	36.2085, 49.0378, 83.9008
YIQ	147.3920, -128.1880, -33.6920

# Conversions

## Conversions Part 2

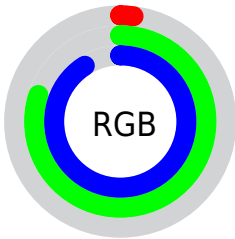
Format	Color
<b>RYB</b>	4, 111, 232
Decimal	314600
CIELab	75.48, -31.83, -25.64
CIELCh	75, 40.871, 218.856
Yxy	49.0396, 0.2141, 0.2899
Android (android.graphics.Color)	4278504680 (0xFF04CCE8)
YUV	147.3920, 41.7117, -125.7548
Hunter-Lab	70.0270, -30.2512, -22.0177

# Details

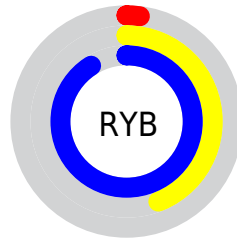
The HunterLab color **70.0270, -30.2512, -22.0177** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **42.6630, 66.8393, 27.2967**, and the grayscale version is **54.0565, -2.8843, 2.9370**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **49.6281, -20.0074, -18.8406** is the 20% darker color. If you saturate the color by 10%, you get **69.8401, -30.1059, -22.3041**, and if you desaturate by 10%, it is **71.1457, -30.9172, -20.3244**.

# Distribution



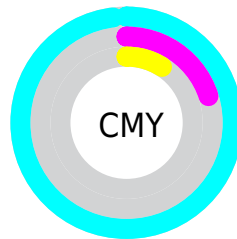
- Red (2%)
- Green (80%)
- Blue (91%)



- Red (2%)
- Yellow (44%)
- Blue (91%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0270, -30.2512, -22.0177 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 70.0270, -30.2512, -22.0177 by changing the saturation by 10% instead.



70.0270, -30.2512,  
-22.0177

70.0270, -30.2512,  
-22.0177

195.6778,  
-49.3482, -23.0199

58.8650, -27.9101,  
-21.6346

94.2073, -34.7348,  
-22.6045

48.3674, -25.4782,  
-21.1944

107.1639,  
-36.9036, -22.8135

38.5808, -22.9268,  
-20.7011

120.6653,  
-39.0360, -22.9689

29.5610, -20.2133,  
-20.1702

134.6905,  
-41.1387, -23.0730

21.3800, -17.2705,  
-19.6433

149.2205,  
-43.2172, -23.1281

14.1345, -13.9820,  
-19.2382

164.2384,

7.7860, -13.6255,

-45.2760, -23.1362

-20.0586

179.7288,  
-47.3186, -23.0995

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0270, -30.2512,  
-22.0177

■ 70.0270, -30.2512,  
-22.0177

■ 69.8401, -30.1059,  
-22.3041

■ 71.1457, -30.9172,  
-20.3244

■ 72.4311, -30.9448,  
-18.4038

■ 73.9137, -30.2244,  
-16.2241

■ 75.6082, -28.7108,  
-13.7809

■ 77.5225, -26.3917,

-11.0824

■ 79.6593, -23.2802,  
-8.1449

■ 82.0175, -19.4086,  
-4.9903

■ 84.5930, -14.8225,  
-1.6427

■ 87.3795, -9.5761,  
1.8725

# Harmonies

## Analogous

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



70.0283, -36.6345, -1.8180



70.0270, -30.2512, -22.0177



70.0283, -16.5748, -37.5288

# Triad

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



70.0283, -30.2510, -22.0166



70.0283, 34.1572, -10.0873



70.0283, -9.3382, 30.4056

# Complementary

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



70.0270, -30.2512, -22.0177



42.6630, 66.8393, 27.2967

# 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.



70.0283, 10.0908, 29.3071



70.0270, -30.2512, -22.0177



70.0283, 36.6317, 9.0098

# Square

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



70.0283, -30.2510, -22.0166



70.0283, 20.9786, -29.4512



70.0283, 27.4151, 22.4708



70.0283, -25.4445, 26.0290

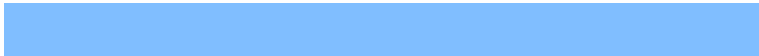


# Rectangle

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



70.0270, -30.2512, -22.0177



70.0283, -4.4761, -41.2171



70.0283, 27.4151, 22.4708



70.0283, -3.0014, 30.6327

# Sweetspot

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



70.0283, -30.2510, -22.0166



91.0552, -22.0278, -5.8811



76.0509, -64.6690, 44.7378



41.5960, -11.0781, -3.4264

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

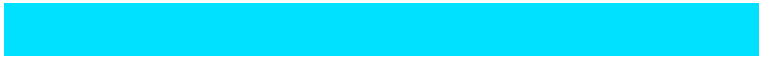


# Same Dimension

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



70.0283, -30.2510, -22.0166



77.6904, -33.4424, -24.9136



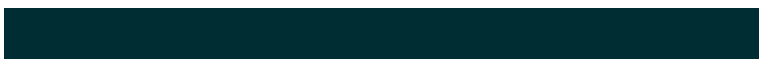
36.6199, 25.5817, -100.5946



40.0228, -4.7086, 0.6632



52.1580, -22.5868, -16.4345



14.4764, -6.5192, -4.0212



# Inverse Universe

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



46.4801, 88.4904, -42.6830



51.5988, 98.7603, -47.2454



61.0749, 19.8728, 37.8687



38.1879, 2.8872, -0.8303



34.5601, 66.1868, -31.9424

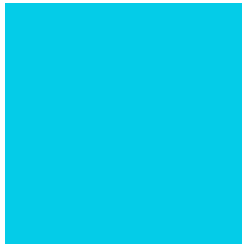


9.4405, 18.1525, -9.2896



# Previews

## White Background



This preview shows how the HunterLab color 70.0270, -30.2512, -22.0177 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 70.0270, -30.2512, -22.0177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

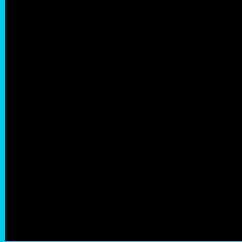
Any Text WCAG AA ✓ Pass

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 70.0270, -30.2512, -22.0177 Background



This preview shows how black text looks on a background with the HunterLab color 70.0270, -30.2512, -22.0177.



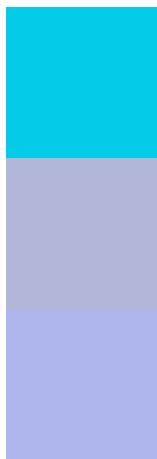
This preview shows how white text looks on a background with the HunterLab color 70.0270,

-30.2512, -22.0177.

# 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

70.0270, -30.2512, -22.0177

### Protanopia

69.5282, 1.0889, -13.1171

### Deuteranopia

69.4810, 5.5481, -25.4582



## Tritanopia

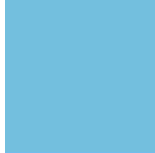
69.9547, -33.0717, -16.0450

# Trichromacy



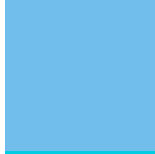
## Original Color

70.0270, -30.2512, -22.0177



## Protanomaly

67.9561, -16.7820, -18.7139



## Deuteranomaly

67.7525, -13.1754, -27.2620



## Tritanomaly

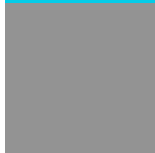
70.1143, -32.1409, -18.2022

# Monochromacy



## Original Color

70.0270, -30.2512, -22.0177



## Achromatopsia

54.0158, -2.8821, 2.9348



## Achromatomaly

58.0108, -19.1847, -7.6382

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0270, -30.2512, -22.0177 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(4, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(4, 204, 232)  
}
```

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(4, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 204, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0270, -30.2512, -22.0177 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(4, 204, 232) }
```



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

```
.border{ border-color:rgb(4, 204, 232) }
```

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

Here you see how a box with a 4 pixel rgb(4, 204, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(4, 204,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0270, -30.2512, -22.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 204, 232) }
```

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

```
.background{ background-color: rgb(4, 204,  
232) }
```

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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