

# Converting Colors

HunterLab(70.4574, -28.4359,  
-25.1523)

Have a look what the booklet for  
HunterLab(70.4574, -28.4359,  
-25.1523) contains.

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# Color

**HunterLab(70.3939,  
-28.3474, -25.2495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18CCEE
RGB	24, 204, 238
RGB Percent	9%, 80%, 93%
CMY	0.9057, 0.2000, 0.0667
CMYK	0.90, 0.14, 0.00, 0.07
HSL	190°, 86%, 51%
HSV	190°, 90%, 93%
XYZ	37.4022, 49.5530, 88.4824
YIQ	154.0560, -118.1940, -27.5860

# Conversions

## Conversions Part 2

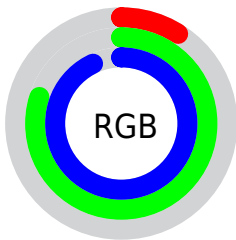
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">24, 122, 238</a>
Decimal	<a href="#">1625326</a>
CIELab	<a href="#">75.80, -29.26, -28.37</a>
CIELCh	<a href="#">76, 40.757, 224.112</a>
Yxy	<a href="#">49.5548, 0.2132, 0.2825</a>
Android (android.graphics.Color)	<a href="#">4279815406 (0xFF18CCEE)</a>
YUV	<a href="#">154.0560, 41.3844, -114.0591</a>
Hunter-Lab	<a href="#">70.3939, -28.3474, -25.2495</a>

# Details

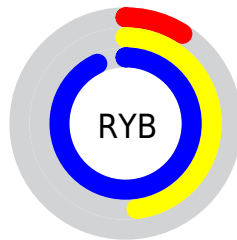
The HunterLab color **70.3939, -28.3474, -25.2495** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.1225, 62.2492, 28.3970**, and the grayscale version is **56.7450, -3.0278, 3.0831**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **49.8721, -18.5889, -22.2077** is the 20% darker color. If you saturate the color by 10%, you get **68.9823, -27.1993, -27.4941**, and if you desaturate by 10%, it is **71.9751, -28.8703, -22.7883**.

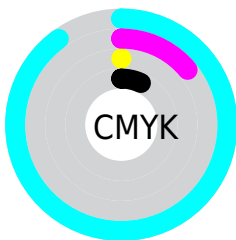
# Distribution



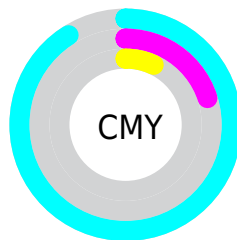
- Red (9%)
- Green (80%)
- Blue (93%)



- Red (9%)
- Yellow (48%)
- Blue (93%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (91%)
- Magenta (20%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3939, -28.3474, -25.2495 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 70.3939, -28.3474, -25.2495 by changing the saturation by 10% instead.



70.3939, -28.3474,  
-25.2495

70.3939, -28.3474,  
-25.2495

196.1944,  
-46.3949, -26.9183

59.2113, -26.1576,  
-24.7971

94.6123, -32.5568,  
-25.9831

48.6918, -23.8894,  
-24.2935

107.5866,  
-34.5997, -26.2673

38.8817, -21.5172,  
-23.7472

121.1050,  
-36.6124, -26.4981

29.8364, -19.0035,  
-23.1819

135.1466,  
-38.6008, -26.6773

21.6273, -16.2884,  
-22.6564

149.6925,  
-40.5696, -26.8069

14.3501, -13.2689,  
-22.3284

164.7257,

8.0098, -14.0171,

-42.5228, -26.8891

-23.2882

180.2310,  
-44.4637, -26.9256

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.3939, -28.3474,  
-25.2495

■ 70.3939, -28.3474,  
-25.2495

■ 68.9823, -27.1993,  
-27.4941

■ 71.9751, -28.8703,  
-22.7883

■ 68.9688, -27.1870,  
-27.5160

■ 73.7613, -28.6212,  
-20.0699

■ 75.7678, -27.5532,  
-17.0928

■ 78.0016, -25.6561,  
-13.8705

■ 80.4636, -22.9469,

-10.4246

■ 83.1512, -19.4617,  
-6.7811

■ 86.0585, -15.2499,  
-2.9673

■ 89.1778, -10.3682,  
0.9896

■ 92.5000, -4.8771,  
5.0644

# Harmonies

## Analogous

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



70.3952, -36.0966, -5.2770



70.3939, -28.3474, -25.2495



70.3952, -13.5814, -38.9899

# Triad

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



70.3952, -28.3471, -25.2483



70.3952, 35.3704, -6.4731



70.3952, -12.5343, 30.0853

# Complementary

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



70.3939, -28.3474, -25.2495



46.1225, 62.2492, 28.3970

# 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.



70.3952, 6.6314, 29.9263



70.3939, -28.3474, -25.2495



70.3952, 35.7284, 11.8657

# Square

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



70.3952, -28.3471, -25.2483



70.3952, 23.8158, -26.3237



70.3952, 24.7470, 24.1509



70.3952, -27.6517, 24.6658

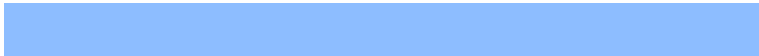


# Rectangle

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



70.3939, -28.3474, -25.2495



70.3952, -1.0939, -40.9515



70.3952, 24.7470, 24.1509



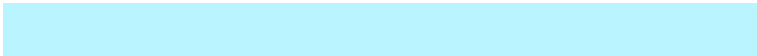
70.3952, -6.3868, 30.6256

# Sweetspot

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



70.3952, -28.3471, -25.2483



90.7829, -19.8481, -6.1954



78.5056, -65.3773, 44.3921



41.5164, -9.8575, -3.5096

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.3952, -28.3471, -25.2483



74.5367, -29.3344, -29.8398



39.0855, 24.1481, -98.1976



41.8045, -4.7501, 0.5426



51.6684, -20.5099, -20.3059



15.2788, -6.4073, -5.2658



# Inverse Universe

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



48.1579, 88.0309, -39.1184



51.1270, 97.1005, -40.9460



66.6918, 13.2139, 40.5566



39.9822, 2.9812, -0.7023



35.3389, 67.1611, -28.6538

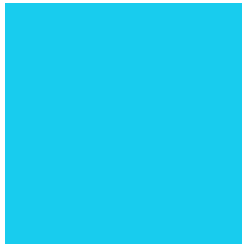


10.2488, 19.5685, -9.0141



# Previews

## White Background



This preview shows how the HunterLab color 70.3939, -28.3474, -25.2495 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

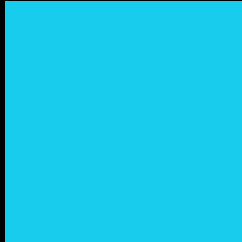
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.3939, -28.3474, -25.2495 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

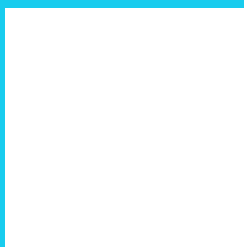
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 70.3939, -28.3474, -25.2495 Background



This preview shows how black text looks on a background with the HunterLab color 70.3939, -28.3474, -25.2495.



This preview shows how white text looks on a background with the HunterLab color 70.3939, -28.3474, -25.2495.

-28.3474, -25.2495.

# 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

70.3939, -28.3474, -25.2495

### Protanopia

70.0071, 1.7276, -16.5570

### Deuteranopia

69.7837, 5.5663, -28.9453



## Tritanopia

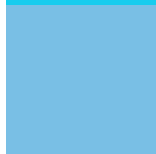
70.3351, -33.2705, -16.0913

# Trichromacy



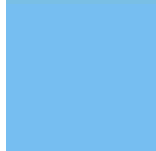
## Original Color

70.3939, -28.3474, -25.2495



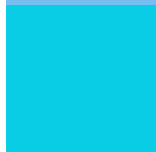
## Protanomaly

68.5447, -14.0718, -22.1296



## Deuteranomaly

68.5779, -11.3104, -29.8888



## Tritanomaly

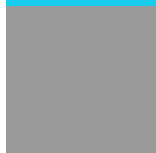
70.2297, -31.5356, -19.2423

# Monochromacy



## Original Color

70.3939, -28.3474, -25.2495



## Achromatopsia

56.8457, -3.0331, 3.0885



## Achromatomaly

60.1113, -17.3782, -8.5358

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.3939, -28.3474, -25.2495 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(24, 204, 238)` looks like.

```
.text, #text, p{  
    color:rgb(24, 204, 238)  
}
```

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(24, 204, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 204, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.3939, -28.3474, -25.2495 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(24, 204, 238) }
```



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

```
.border{ border-color:rgb(24, 204, 238) }
```

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

Here you see how a box with a 4 pixel rgb(24, 204, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 204, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 204, 238);  
box-shadow:4px 4px 4px 4px rgb(24, 204,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.3939, -28.3474, -25.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 204, 238) }
```

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

```
.background{ background-color: rgb(24, 204,  
238) }
```

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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