

# Converting Colors

HunterLab(74.2354, -30.0877,  
-24.9659)

Have a look what the booklet for  
HunterLab(74.2354, -30.0877,  
-24.9659) contains.

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# Color

**HunterLab(74.2857,  
-30.1297, -24.9854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24D6F7
RGB	36, 214, 247
RGB Percent	14%, 84%, 97%
CMY	0.8587, 0.1608, 0.0314
CMYK	0.85, 0.13, 0.00, 0.03
HSL	189°, 93%, 55%
HSV	189°, 85%, 97%
XYZ	41.5627, 55.1837, 96.4566
YIQ	164.5400, -116.6810, -27.4730

# Conversions

## Conversions Part 2

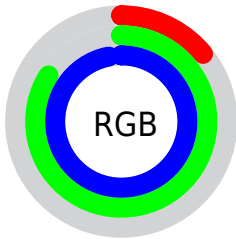
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	36, 133, 247
Decimal	2414327
CIE <sub>Lab</sub>	79.15, -30.60, -28.03
CIE <sub>LCh</sub>	79, 41.504, 222.491
Yxy	55.1856, 0.2151, 0.2856
Android (android.graphics.Color)	4280604407 (0xFF24D6F7)
YUV	164.5400, 40.6528, -112.7296
Hunter-Lab	74.2857, -30.1297, -24.9854

# Details

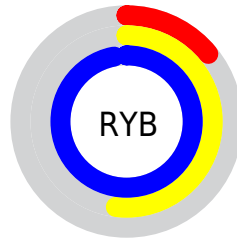
The HunterLab color **74.2857, -30.1297, -24.9854** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **49.1539, 62.1679, 29.3611**, and the grayscale version is **61.0276, -3.2563, 3.3157**.

A 20% lighter version of the original color is **91.0371, -38.0707, -6.1853**, and **53.4396, -20.6953, -22.1195** is the 20% darker color. If you saturate the color by 10%, you get **72.7675, -29.1925, -27.3707**, and if you desaturate by 10%, it is **76.0081, -30.3101, -22.3365**.

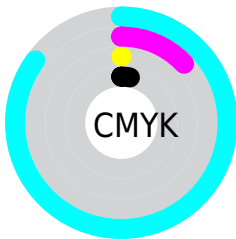
# Distribution



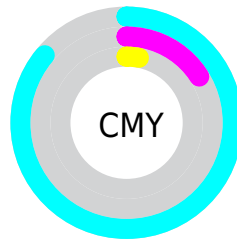
- Red (14%)
- Green (84%)
- Blue (97%)



- Red (14%)
- Yellow (52%)
- Blue (97%)



- Cyan (85%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (86%)
- Magenta (16%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.2857, -30.1297, -24.9854 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 74.2857, -30.1297, -24.9854 by changing the saturation by 10% instead.



74.2857, -30.1297,  
-24.9854

74.2857, -30.1297,  
-24.9854

201.6470,  
-48.6385, -26.4214

62.8891, -27.8862,  
-24.5600

98.9004, -34.4467,  
-25.6634

52.1422, -25.5652,  
-24.0811

112.0596,  
-36.5427, -25.9203

42.0887, -23.1428,  
-23.5540

125.7557,  
-38.6076, -26.1243

32.7800, -20.5844,  
-22.9954

139.9684,  
-40.6474, -26.2774

24.2813, -17.8362,  
-22.4466

154.6794,  
-42.6668, -26.3818

16.6788, -14.8085,  
-22.0148

169.8726,

10.0942, -13.8541,

-44.6697, -26.4393

-22.0251

185.5330,  
-46.6593, -26.4520

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.2857, -30.1297,  
-24.9854

■ 74.2857, -30.1297,  
-24.9854

■ 72.7675, -29.1925,  
-27.3707

■ 76.0081, -30.3101,  
-22.3365

■ 72.1159, -28.5953,  
-28.4096

■ 77.9524, -29.6559,  
-19.4150

■ 80.1312, -28.1357,  
-16.2259

■ 82.5490, -25.7517,  
-12.7873

■ 85.2052, -22.5309,

-9.1240

■ 88.0954, -18.5177,  
-5.2638

■ 91.2129, -13.7678,  
-1.2355

■ 94.5488, -8.3428,  
2.9331

■ 97.7683, -3.4287,  
6.8201

# Harmonies

## Analogous

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



74.2870, -37.7561, -4.2678



74.2857, -30.1297, -24.9854



74.2870, -15.1325, -39.7180

# Triad

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



74.2870, -30.1295, -24.9842



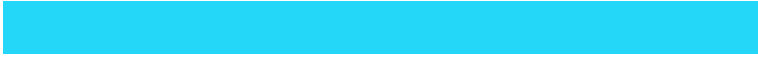
74.2870, 36.1581, -7.7617



74.2870, -12.0640, 31.5258

# Complementary

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



74.2857, -30.1297, -24.9854



49.1539, 62.1679, 29.3611

# 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.



74.2870, 7.8979, 31.0546



74.2857, -30.1297, -24.9854



74.2870, 37.2027, 11.4935

# Square

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



74.2870, -30.1295, -24.9842



74.2870, 23.6855, -28.1148



74.2870, 26.4049, 24.6680



74.2870, -28.0874, 26.1878

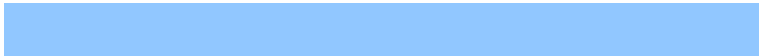


# Rectangle

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



74.2857, -30.1297, -24.9854



74.2870, -2.2972, -42.2869



74.2870, 26.4049, 24.6680



74.2870, -5.6236, 31.9913

# Sweetspot

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



74.2870, -30.1295, -24.9842



91.1492, -19.4856, -5.7151



82.0434, -67.3772, 45.4609



41.6786, -9.7166, -3.2946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

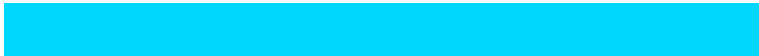


# Same Dimension

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



74.2870, -30.1295, -24.9842



74.7529, -29.6198, -29.4940



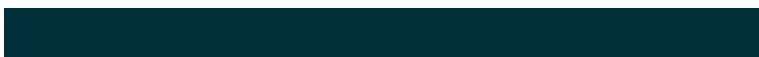
42.6781, 21.8396, -95.5681



42.7673, -4.8779, 0.5613



52.6091, -21.0118, -20.3983



15.9651, -6.7101, -5.4698



# Inverse Universe

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



50.8850, 90.3030, -41.1928



51.1588, 97.2127, -41.3730



70.6048, 12.0805, 42.3145



40.8915, 3.0663, -0.7381



35.9074, 68.2750, -29.3745

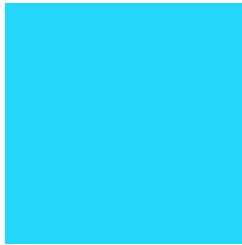


10.7002, 20.4346, -9.4433



# Previews

## White Background



This preview shows how the HunterLab color 74.2857, -30.1297, -24.9854 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

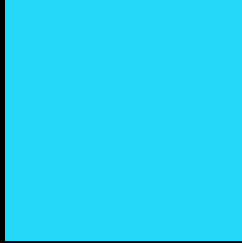
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.2857, -30.1297, -24.9854 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

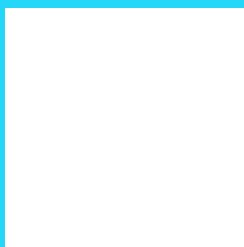
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.2857, -30.1297, -24.9854 Background



This preview shows how black text looks on a background with the HunterLab color 74.2857, -30.1297, -24.9854.



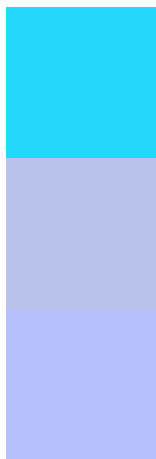
This preview shows how white text looks on a background with the HunterLab color 74.2857, -30.1297, -24.9854.

-30.1297, -24.9854.

# 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

74.2857, -30.1297, -24.9854

### Protanopia

73.7599, 1.3230, -15.8934

### Deuteranopia

73.6444, 5.6265, -28.6669



## Tritanopia

74.1972, -35.0413, -17.0959

# Trichromacy



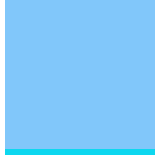
## Original Color

74.2857, -30.1297, -24.9854



## Protanomaly

72.6037, -15.1118, -20.9551



## Deuteranomaly

72.3990, -11.4802, -29.6555



## Tritanomaly

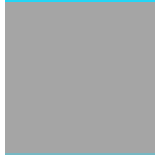
74.1070, -33.2282, -20.2513

# Monochromacy



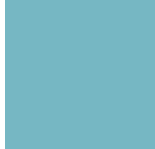
## Original Color

74.2857, -30.1297, -24.9854



## Achromatopsia

61.3402, -3.2730, 3.3327



## Achromatomaly

64.5435, -18.2163, -7.9749

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.2857, -30.1297, -24.9854 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(36, 214, 247)` looks like.

```
.text, #text, p{  
    color:rgb(36, 214, 247)  
}
```

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(36, 214, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 214, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.2857, -30.1297, -24.9854 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(36, 214, 247) }
```



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

```
.border{ border-color:rgb(36, 214, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 214, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(36, 214,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.2857, -30.1297, -24.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 214, 247) }
```

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

```
.background{ background-color: rgb(36, 214,  
247) }
```

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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