

# Converting Colors

HunterLab(72.8101, -34.0077,  
-36.1935)

Have a look what the booklet for  
HunterLab(72.8101, -34.0077,  
-36.1935) contains.

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# Color

**HunterLab(74.3728,  
-29.1177, -30.1029)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D6FF
RGB	0, 214, 255
RGB Percent	0%, 84%, 100%
CMY	0.9997, 0.1608, 0.0000
CMYK	1.00, 0.16, 0.00, 0.00
HSL	190°, 100%, 50%
HSV	190°, 100%, 100%
XYZ	42.0965, 55.3131, 103.0655
YIQ	154.6880, -140.7050, -32.6170

# Conversions

## Conversions Part 2

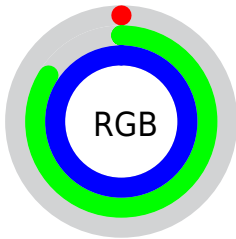
Format	Color
<a href="#">RYB</a>	<a href="#">0, 116, 255</a>
Decimal	<a href="#">55039</a>
CIELab	<a href="#">79.22, -29.31, -32.20</a>
CIELCh	<a href="#">79, 43.537, 227.690</a>
Yxy	<a href="#">55.3150, 0.2100, 0.2759</a>
Android (android.graphics.Color)	<a href="#">4278245119 (0xFF00D6FF)</a>
YUV	<a href="#">154.6880, 49.4538, -135.6614</a>
Hunter-Lab	<a href="#">74.3728, -29.1177, -30.1029</a>

# Details

The HunterLab color **74.3728, -29.1177, -30.1029** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **47.8027, 73.3113, 30.7366**, and the grayscale version is **56.9812, -3.0404, 3.0959**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **53.7341, -18.9886, -26.1719** is the 20% darker color. If you saturate the color by 10%, you get **74.3697, -29.1135, -30.1079**, and if you desaturate by 10%, it is **75.9148, -30.4193, -27.6435**.

# Distribution



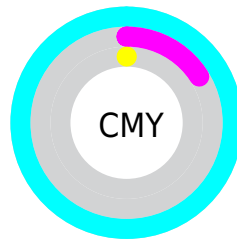
- Red (0%)
- Green (84%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.3728, -29.1177, -30.1029 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 74.3728, -29.1177, -30.1029 by changing the saturation by 10% instead.



74.3728, -29.1177,  
-30.1029

74.3728, -29.1177,  
-30.1029

201.7684,  
-47.1073, -32.5191

62.9714, -26.9482,  
-29.5787

98.9961, -33.3002,  
-30.9921

52.2196, -24.7067,  
-29.0123

112.1594,  
-35.3341, -31.3587

42.1607, -22.3708,  
-28.4154

125.8594,  
-37.3398, -31.6733

32.8462, -19.9077,  
-27.8177

140.0758,  
-39.3229, -31.9374

24.3413, -17.2669,  
-27.2864

154.7906,  
-41.2878, -32.1523

16.7317, -14.3635,  
-26.9871

169.9872,

10.1389, -13.2541,

-43.2382, -32.3198

-27.4059

185.6510,  
-45.1772, -32.4415

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.3728, -29.1177,  
-30.1029

■ 74.3728, -29.1177,  
-30.1029

■ 74.3697, -29.1135,  
-30.1079

■ 75.9148, -30.4193,  
-27.6435

■ 77.6383, -31.0393,  
-24.9521

■ 79.5859, -30.8200,  
-21.9801

■ 81.7736, -29.7090,  
-18.7270

■ 84.2087, -27.6946,

-15.2076

■ 86.8926, -24.7952,  
-11.4455

■ 89.8222, -21.0503,  
-7.4694

■ 92.9910, -16.5136,  
-3.3094

■ 96.3905, -11.2474,  
1.0050

# Harmonies

## Analogous

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



74.3741, -38.4919, -8.5190



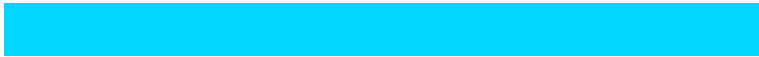
74.3728, -29.1177, -30.1029



74.3741, -12.3411, -43.7748

# Triad

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



74.3741, -29.1177, -30.1008



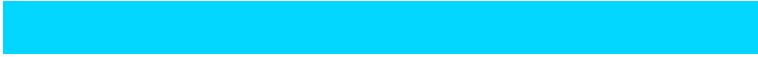
74.3741, 39.4646, -4.5644



74.3741, -15.7848, 32.0198

# Complementary

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



74.3728, -29.1177, -30.1029



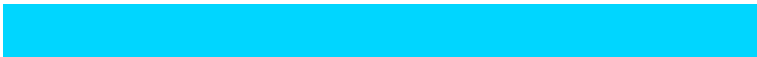
47.8027, 73.3113, 30.7366

# 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.



74.3741, 4.7835, 32.5336



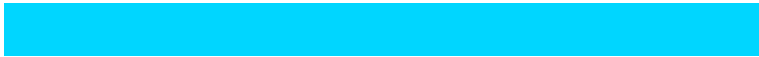
74.3728, -29.1177, -30.1029



74.3741, 38.2791, 14.7452

# Square

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



74.3741, -29.1177, -30.1008



74.3741, 28.1123, -26.5268



74.3741, 25.0328, 27.1184

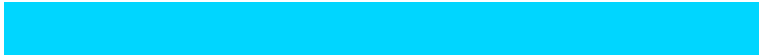


74.3741, -31.3984, 25.4439



# Rectangle

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



74.3728, -29.1177, -30.1029



74.3741, 1.4774, -44.6249



74.3741, 25.0328, 27.1184



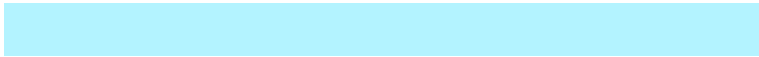
74.3741, -9.2697, 32.8257

# Sweetspot

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



74.3741, -29.1177, -30.1008



89.8133, -21.0623, -7.4812



84.6537, -71.9904, 49.6000



40.9668, -10.5206, -4.2478

0.0000, NaN, NaN

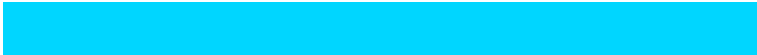


46.2646, -2.4686, 2.5136

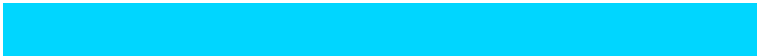


# Same Dimension

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



74.3741, -29.1177, -30.1008



74.3697, -29.1135, -30.1079



37.9670, 35.3355, -123.7277



44.6706, -5.0822, 0.5596



53.9310, -21.2728, -21.4871



17.2022, -7.1277, -6.1146



# Inverse Universe

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



51.1046, 97.0103, -40.6215



51.1024, 97.0139, -40.6167



69.6069, 18.8093, 43.2189



42.7168, 3.2190, -0.7609



36.9651, 70.2165, -29.7001



11.5900, 22.1056, -10.0103



# Previews

## White Background



This preview shows how the HunterLab color 74.3728, -29.1177, -30.1029 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

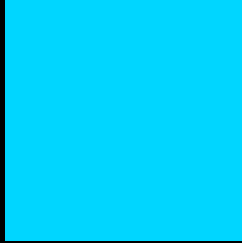
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.3728, -29.1177, -30.1029 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 74.3728, -29.1177, -30.1029 Background



This preview shows how black text looks on a background with the HunterLab color 74.3728, -29.1177, -30.1029.



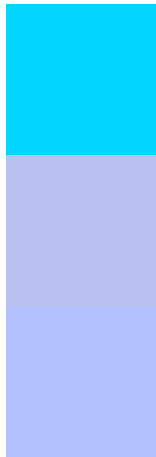
This preview shows how white text looks on a background with the HunterLab color 74.3728,

-29.1177, -30.1029.

# 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

74.3728, -29.1177, -30.1029

### Protanopia

73.9064, 2.4509, -20.5507

### Deuteranopia

73.8261, 4.9705, -30.4014



## Tritanopia

74.5428, -35.4701, -16.6022

# Trichromacy



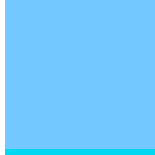
## Original Color

74.3728, -29.1177, -30.1029



## Protanomaly

72.2134, -15.8719, -26.7067



## Deuteranomaly

72.1845, -13.4536, -33.4636



## Tritanomaly

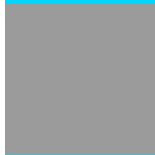
74.5134, -33.1806, -21.5080

# Monochromacy



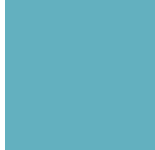
## Original Color

74.3728, -29.1177, -30.1029



## Achromatopsia

57.2519, -3.0548, 3.1106



## Achromatomaly

61.2086, -19.4089, -10.3686

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.3728, -29.1177, -30.1029 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.3728, -29.1177, -30.1029 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, 214, 255) }
```



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

```
.border{ border-color:rgb(0, 214, 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, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.3728, -29.1177, -30.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 255) }
```

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

```
.background{ background-color: rgb(0, 214,  
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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