

# Converting Colors

HunterLab(74.9127, -27.4136,  
-29.1968)

Have a look what the booklet for  
HunterLab(74.9127, -27.4136,  
-29.1968) contains.

<b>HunterLab(74.8445, -27.3238, -29.3055)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(74.8445,  
-27.3238, -29.3055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33D6FF
RGB	51, 214, 255
RGB Percent	20%, 84%, 100%
CMY	0.7999, 0.1608, 0.0000
CMYK	0.80, 0.16, 0.00, 0.00
HSL	192°, 100%, 60%
HSV	192°, 80%, 100%
XYZ	43.4618, 56.0170, 103.1294
YIQ	169.9370, -110.3090, -21.8050

# Conversions

## Conversions Part 2

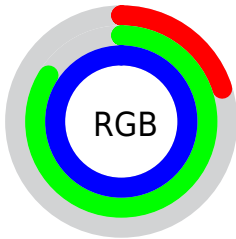
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 142, 255
Decimal	3397375
CIE Lab	79.62, -26.96, -31.54
CIE LCh	80, 41.497, 229.476
Yxy	56.0189, 0.2145, 0.2765
Android (android.graphics.Color)	4281587455 (0xFF33D6FF)
YUV	169.9370, 41.9361, -104.3077
Hunter-Lab	74.8445, -27.3238, -29.3055

# Details

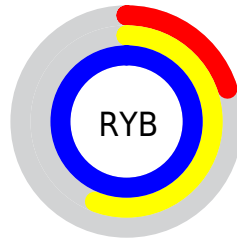
The HunterLab color **74.8445, -27.3238, -29.3055** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **53.9965, 56.4690, 30.8196**, and the grayscale version is **63.2435, -3.3745, 3.4361**.

A 20% lighter version of the original color is **91.3706, -36.7917, -5.7326**, and **53.7341, -18.9886, -26.1719** is the 20% darker color. If you saturate the color by 10%, you get **72.7835, -26.2447, -32.6789**, and if you desaturate by 10%, it is **77.1412, -27.5453, -25.6628**.

# Distribution



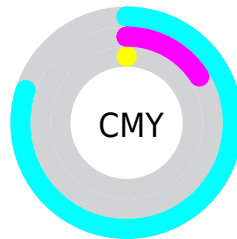
- Red (20%)
- Green (84%)
- Blue (100%)



- Red (20%)
- Yellow (56%)
- Blue (100%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8445, -27.3238, -29.3055 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 74.8445, -27.3238, -29.3055 by changing the saturation by 10% instead.



74.8445, -27.3238,  
-29.3055

74.8445, -27.3238,  
-29.3055

202.4260,  
-44.3763, -31.5543

63.4177, -25.2883,  
-28.7976

99.5149, -31.2628,  
-30.1587

52.6390, -23.1910,  
-28.2453

112.7003,  
-33.1846, -30.5065

42.5513, -21.0122,  
-27.6586

126.4214,  
-35.0835, -30.8023

33.2057, -18.7232,  
-27.0640

140.6582,  
-36.9643, -31.0473

24.6667, -16.2791,  
-26.5221

155.3926,  
-38.8310, -31.2434

17.0191, -13.6053,  
-26.1822

170.6083,

10.3824, -12.0746,

-40.6869, -31.3921

-26.4805

186.2906,  
-42.5346, -31.4952

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.8445, -27.3238,  
-29.3055

■ 74.8445, -27.3238,  
-29.3055

■ 72.7835, -26.2447,  
-32.6789

■ 77.1412, -27.5453,  
-25.6628

■ 70.9143, -24.4613,  
-35.8308

■ 79.6827, -26.8660,  
-21.7656

■ 70.9130, -24.4599,  
-35.8331

■ 82.4743, -25.2845,  
-17.6350

■ 85.5142, -22.8279,  
-13.3011

■ 88.7964, -19.5431,

-8.7964

■ 92.3124, -15.4886,  
-4.1529

■ 96.0517, -10.7293,  
0.6001

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



74.8458, -36.8331, -9.1395



74.8445, -27.3238, -29.3055



74.8458, -10.8749, -41.4058

# Triad

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



74.8458, -27.3239, -29.3034



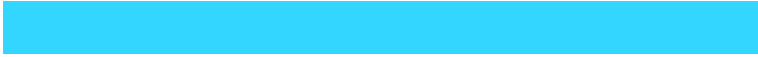
74.8458, 37.5665, -2.9010



74.8458, -16.3605, 30.9545

# Complementary

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



74.8445, -27.3238, -29.3055



53.9965, 56.4690, 30.8196

# 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.



74.8458, 3.1374, 31.8004



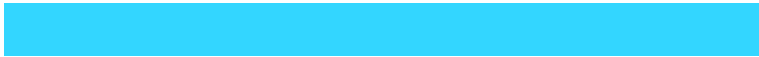
74.8445, -27.3238, -29.3055



74.8458, 35.7022, 15.2460

# Square

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



74.8458, -27.3239, -29.3034



74.8458, 27.4441, -23.7211



74.8458, 22.5893, 26.8395



74.8458, -30.9771, 24.1150



# Rectangle

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



74.8445, -27.3238, -29.3055



74.8458, 2.4217, -41.5864



74.8458, 22.5893, 26.8395



74.8458, -10.2076, 31.8660

# Sweetspot

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



74.8458, -27.3239, -29.3034



90.8760, -17.2017, -6.0285



85.4364, -67.9278, 44.4592



41.4667, -8.6174, -3.5530

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

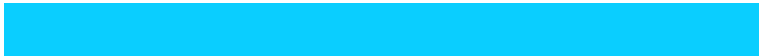


# Same Dimension

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



74.8458, -27.3239, -29.3034



71.6461, -25.2245, -34.5852



44.2264, 24.4492, -99.1513



44.5249, -4.8486, 0.3861



51.4718, -17.9709, -25.5412



16.5212, -6.2295, -7.2023



# Inverse Universe

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



53.3708, 89.0869, -36.2297



50.9194, 94.8156, -34.8064



77.4573, 5.2234, 45.4212



42.7014, 3.1369, -0.5429



36.6094, 68.9599, -24.9100

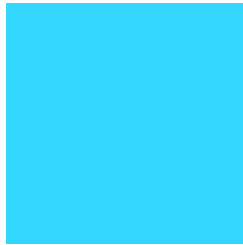


11.4895, 21.7516, -8.6641



# Previews

## White Background



This preview shows how the HunterLab color 74.8445, -27.3238, -29.3055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

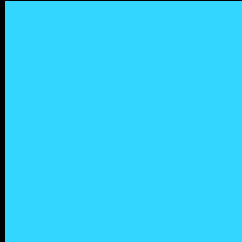
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.8445, -27.3238, -29.3055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

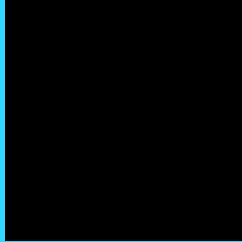
Any Text WCAG AA ✓ Pass

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 74.8445, -27.3238, -29.3055 Background



This preview shows how black text looks on a background with the HunterLab color 74.8445, -27.3238, -29.3055.



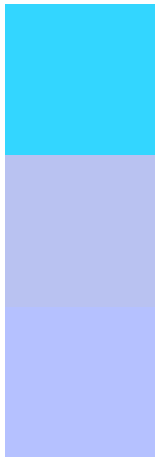
This preview shows how white text looks on a background with the HunterLab color 74.8445,

-27.3238, -29.3055.

# 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

74.8445, -27.3238, -29.3055

### Protanopia

74.3295, 2.4282, -20.5369

### Deuteranopia

74.2857, 4.9845, -29.6479



## Tritanopia

74.7034, -34.7669, -16.9572

# Trichromacy



## Original Color

74.8445, -27.3238, -29.3055



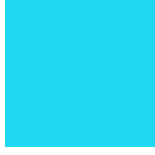
## Protanomaly

73.2539, -12.0244, -25.6404



## Deuteranomaly

73.5266, -10.2775, -31.1625



## Tritanomaly

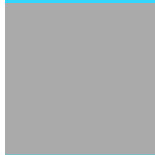
74.7301, -32.3434, -21.1660

# Monochromacy



## Original Color

74.8445, -27.3238, -29.3055



## Achromatopsia

63.4017, -3.3830, 3.4447



## Achromatomaly

66.2170, -16.5332, -8.9646

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8445, -27.3238, -29.3055 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(51, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 214, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8445, -27.3238, -29.3055 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(51, 214, 255) }
```



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

```
.border{ border-color:rgb(51, 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(51, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 214,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8445, -27.3238, -29.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 214, 255) }
```

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

```
.background{ background-color: rgb(51, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor