

# Converting Colors

HunterLab(73.0161, -21.8334,  
-32.2127)

Have a look what the booklet for  
HunterLab(73.0161, -21.8334,  
-32.2127) contains.

<b>HunterLab(73.0631, -21.9686, -32.1367)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(73.0631,  
-21.9686, -32.1367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCFFF
RGB	76, 207, 255
RGB Percent	30%, 81%, 100%
CMY	0.7019, 0.1882, 0.0000
CMYK	0.70, 0.19, 0.00, 0.00
HSL	196°, 100%, 65%
HSV	196°, 70%, 100%
XYZ	43.3433, 53.3822, 102.6271
YIQ	173.3030, -93.4840, -12.8440

# Conversions

## Conversions Part 2

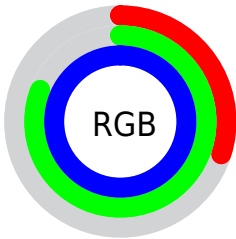
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 152, 255
Decimal	5033983
CIELab	78.10, -20.75, -33.85
CIELCh	78, 39.703, 238.495
Yxy	53.3840, 0.2174, 0.2678
Android (android.graphics.Color)	4283224063 (0xFF4CCFFF)
YUV	173.3030, 40.2766, -85.3347
Hunter-Lab	73.0631, -21.9686, -32.1367

# Details

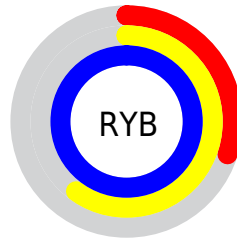
The HunterLab color **73.0631, -21.9686, -32.1367** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **60.1661, 42.3181, 31.0748**, and the grayscale version is **64.6379, -3.4489, 3.5119**.

A 20% lighter version of the original color is **92.0159, -34.3311, -4.8613**, and **51.8263, -16.3556, -29.4713** is the 20% darker color. If you saturate the color by 10%, you get **70.2112, -20.9648, -36.9949**, and if you desaturate by 10%, it is **76.1767, -22.0510, -27.0815**.

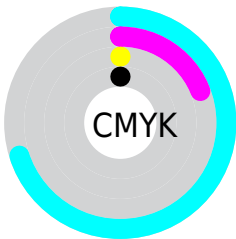
# Distribution



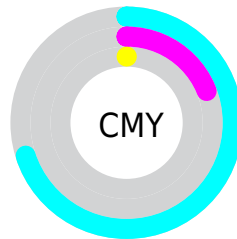
- Red (30%)
- Green (81%)
- Blue (100%)



- Red (30%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.0631, -21.9686, -32.1367 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 73.0631, -21.9686, -32.1367 by changing the saturation by 10% instead.



73.0631, -21.9686,  
-32.1367

73.0631, -21.9686,  
-32.1367

199.9391,  
-36.5968, -34.9724

61.7328, -20.2711,  
-31.5733

97.5547, -25.2861,  
-33.1146

51.0564, -18.5347,  
-30.9743

110.6565,  
-26.9194, -33.5280

41.0782, -16.7449,  
-30.3564

124.2973,  
-28.5421, -33.8901

31.8510, -14.8797,  
-29.7587

138.4568,  
-30.1576, -34.2018

23.4416, -12.9050,  
-29.2685

153.1165,  
-31.7688, -34.4644

15.9392, -10.7624,  
-29.1014

168.2599,

9.4704, -10.0530,

-33.3779, -34.6793

-29.9025

183.8720,  
-34.9867, -34.8481

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 73.0631, -21.9686,  
-32.1367

■ 73.0631, -21.9686,  
-32.1367

■ 70.2112, -20.9648,  
-36.9949

■ 76.1767, -22.0510,  
-27.0815

■ 67.6102, -19.0660,  
-41.6379

■ 79.5465, -21.2275,  
-21.8714

■ 65.2682, -16.4760,  
-46.0126

■ 83.1663, -19.5409,  
-16.5422

■ 87.0255, -17.0501,  
-11.1295

■ 91.1117, -13.8217,

-5.6644

■ 95.4117, -9.9249,  
-0.1719

99.9120, -5.4273,  
5.3280

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.



73.0643, -33.2212, -14.5469



73.0631, -21.9686, -32.1367



73.0643, -4.8562, -39.7975

# Triad

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



73.0643, -21.9687, -32.1346



73.0643, 36.1636, 3.0616



73.0643, -20.4705, 28.3342

# Complementary

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



73.0631, -21.9686, -32.1367



60.1661, 42.3181, 31.0748

# 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.



73.0643, -2.9438, 30.8155



73.0631, -21.9686, -32.1367



73.0643, 30.9207, 18.6437

# Square

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



73.0643, -21.9687, -32.1346



73.0643, 29.7956, -16.5314



73.0643, 16.1099, 27.7692



73.0643, -32.4202, 19.8574



# Rectangle

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



73.0631, -21.9686, -32.1367



73.0643, 8.0071, -37.0732



73.0643, 16.1099, 27.7692



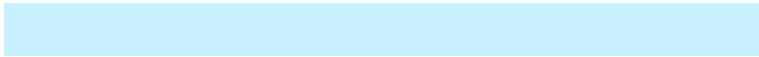
73.0643, -15.0949, 29.7849

# Sweetspot

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



73.0643, -21.9687, -32.1346



90.7732, -14.1085, -6.1076



86.3167, -63.4485, 39.0377



41.4659, -6.9649, -3.5252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.0643, -21.9687, -32.1346



69.1916, -20.3438, -38.7896



46.5415, 23.9595, -91.4243



44.2819, -4.4573, 0.0952



47.4536, -12.3096, -32.7399



15.4041, -4.6960, -9.1164



# Inverse Universe

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



55.6198, 79.4588, -27.2649



51.8546, 88.8346, -27.2755



83.3603, -3.7006, 46.4367



42.6759, 3.0003, -0.1805



36.0572, 66.9972, -17.3838

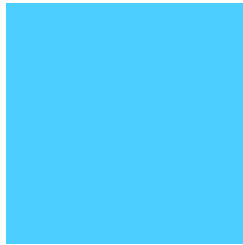


11.3318, 21.1926, -6.5273



# Previews

## White Background



This preview shows how the HunterLab color 73.0631, -21.9686, -32.1367 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

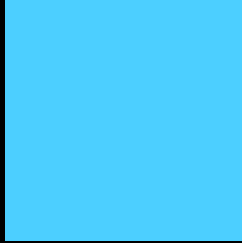
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.0631, -21.9686, -32.1367 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

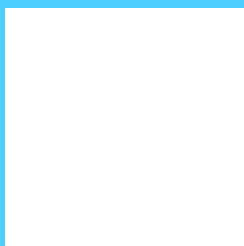
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.0631, -21.9686, -32.1367 Background



This preview shows how black text looks on a background with the HunterLab color 73.0631, -21.9686, -32.1367.



This preview shows how white text looks on a background with the HunterLab color 73.0631, -21.9686, -32.1367.

-21.9686, -32.1367.

# 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

73.0631, -21.9686, -32.1367

### Protanopia

72.6783, 3.0582, -23.6920

### Deuteranopia

72.5354, 5.2193, -32.5444



## Tritanopia

73.2418, -32.0740, -15.4382

# Trichromacy



## Original Color

73.0631, -21.9686, -32.1367



## Protanomaly

72.0736, -8.0335, -28.1172



## Deuteranomaly

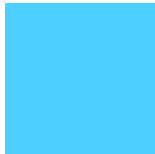
72.1825, -6.9497, -33.3530



## Tritanomaly

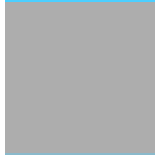
73.0685, -28.5430, -21.1110

# Monochromacy



## Original Color

73.0631, -21.9686, -32.1367



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

66.6431, -13.2113, -9.4321

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.0631, -21.9686, -32.1367 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(76, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(76, 207, 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(76, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 207, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.0631, -21.9686, -32.1367 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(76, 207, 255) }
```



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

```
.border{ border-color:rgb(76, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(76, 207,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.0631, -21.9686, -32.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 207, 255) }
```

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

```
.background{ background-color: rgb(76, 207,  
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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