

# Converting Colors

HunterLab(73.3013, -0.0199,  
-31.3563)

Have a look what the booklet for  
HunterLab(73.3013, -0.0199,  
-31.3563) contains.

<b>HunterLab(73.2776, 0.0205, -31.3948)</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(73.2776, 0.0205,  
-31.3948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4C2FF
RGB	164, 194, 255
RGB Percent	64%, 76%, 100%
CMY	0.3568, 0.2392, 0.0000
CMYK	0.36, 0.24, 0.00, 0.00
HSL	220°, 100%, 82%
HSV	220°, 36%, 100%
XYZ	52.6516, 53.6961, 102.1970
YIQ	191.9840, -37.4610, 12.6110

# Conversions

## Conversions Part 2

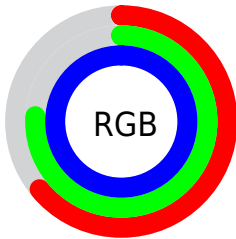
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 187, 255
Decimal	10797823
CIELab	78.29, 4.24, -33.26
CIELCh	78, 33.528, 277.268
Yxy	53.6981, 0.2525, 0.2575
Android (android.graphics.Color)	4288987903 (0xFFA4C2FF)
YUV	191.9840, 31.0669, -24.5420
Hunter-Lab	73.2776, 0.0205, -31.3948

# Details

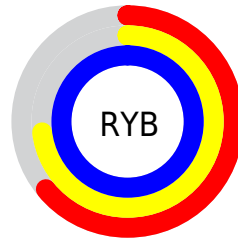
The HunterLab color  $73.2776, 0.0205, -31.3948$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $88.1993, -2.8320, 30.6872$ , and the grayscale version is  $72.4815, -3.8674, 3.9381$ .

A 20% lighter version of the original color is  $95.3747, -13.3356, -0.2772$ , and  $51.3597, 0.5687, -30.0179$  is the 20% darker color. If you saturate the color by 10%, you get  $66.3892, 2.9798, -43.5302$ , and if you desaturate by 10%, it is  $80.4612, -2.1979, -20.1730$ .

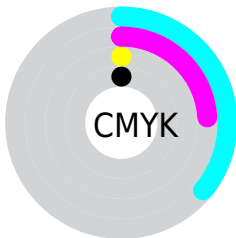
# Distribution



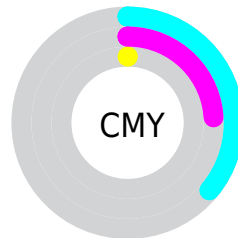
- Red (64%)
- Green (76%)
- Blue (100%)



- Red (64%)
- Yellow (73%)
- Blue (100%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.2776, 0.0205, -31.3948 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 73.2776, 0.0205, -31.3948 by changing the saturation by 10% instead.



■ 73.2776, 0.0205,  
-31.3948

■ 73.2776, 0.0205,  
-31.3948

200.2393, -5.2235,  
-34.0913

■ 61.9357, 0.4157,  
-30.8439

■ 97.7910, -0.9002,  
-32.3436

■ 51.2469, 0.7642,  
-30.2552

■ 110.9029, -1.4185,  
-32.7416

■ 41.2554, 1.0604,  
-29.6437

124.5535, -1.9726,  
-33.0881

■ 32.0138, 1.2978,  
-29.0456

138.7223, -2.5607,  
-33.3839

■ 23.5886, 1.4677,  
-28.5419

153.3911, -3.1812,  
-33.6306

■ 16.0685, 1.5572,  
-28.3333

168.5432, -3.8327,

■ 9.5792, 1.5452,

-33.8297

-29.0189

184.1638, -4.5138,  
-33.9827

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 73.2776, 0.0205,  
-31.3948

■ 73.2776, 0.0205,  
-31.3948

■ 66.3892, 2.9798,  
-43.5302

■ 80.4612, -2.1979,  
-20.1730

■ 59.8408, 6.8387,  
-56.7436

■ 87.8971, -3.8035,  
-9.7214

■ 53.6961, 11.7726,  
-71.1704

■ 95.5562, -4.9031,  
0.0939

■ 48.0330, 17.9540,  
-86.8680

100.0000, -5.3358,  
5.4332

■ 42.9454, 25.4926,

-103.7056

■ 38.5351, 34.3190,  
-121.2173

■ 36.8391, 38.3779,  
-128.8926

# Harmonies

## Analogous

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



73.2790, -15.4291, -28.4698



73.2776, 0.0205, -31.3948



73.2790, 15.6653, -23.3379

# Triad

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



73.2790, 0.0197, -31.3926



73.2790, 22.2163, 19.5921



73.2790, -30.1893, 14.4221

# Complementary

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



73.2776, 0.0205, -31.3948



88.1993, -2.8320, 30.6872

# 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.



73.2790, -21.6314, 23.6687



73.2776, 0.0205, -31.3948



73.2790, 8.3594, 26.1760

# Square

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



73.2790, 0.0197, -31.3926



73.2790, 29.1752, 7.5961



73.2790, -7.7662, 27.4891



73.2790, -32.0072, 0.1882



# Rectangle

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



73.2776, 0.0205, -31.3948



73.2790, 23.8083, -13.6689



73.2790, -7.7662, 27.4891



73.2790, -28.0434, 18.1164

# Sweetspot

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



73.2790, 0.0197, -31.3926



91.4590, -4.3760, -5.0513



92.1038, -35.9538, 10.4216



41.8339, -1.9529, -2.9560

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.2790, 0.0197, -31.3926



68.2076, 2.1038, -40.1726



65.8607, 20.1375, -44.2334



42.8437, -2.0990, -1.6599



27.0800, 26.5138, -91.0832



9.5094, 5.6358, -24.0520



# Inverse Universe

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



71.9080, 33.6617, 2.8141



67.0631, 41.8361, 3.1695



96.2791, -23.2472, 37.2900



42.5274, 2.2039, 1.9323



33.8648, 59.0559, 13.6549



10.6575, 18.7600, 2.9441



# Previews

## White Background



This preview shows how the HunterLab color 73.2776, 0.0205, -31.3948 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

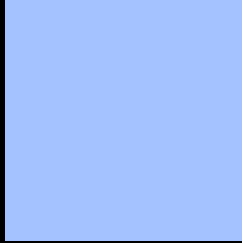
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.2776, 0.0205, -31.3948 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

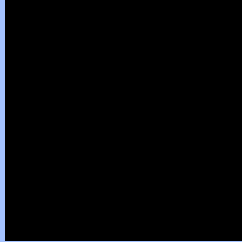
Any Text WCAG AA ✓ Pass

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 73.2776, 0.0205, -31.3948 Background



This preview shows how black text looks on a background with the HunterLab color 73.2776, 0.0205, -31.3948.



This preview shows how white text looks on a background with the HunterLab color 73.2776, 0.0205, -31.3948.

-31.3948.

# 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

73.2776, 0.0205, -31.3948

### Protanopia

73.2807, 4.4924, -29.9528

### Deuteranopia

73.1518, 5.7609, -31.5035



## Tritanopia

73.3155, -14.0458, -8.1567

# Trichromacy



## Original Color

73.2776, 0.0205, -31.3948

## Protanomaly

73.2296, 2.8716, -30.7432

## Deuteranomaly

73.0519, 3.8972, -31.7025

## Tritanomaly

73.0936, -8.9399, -16.4407

# Monochromacy



## Original Color

73.2776, 0.0205, -31.3948

## Achromatopsia

72.6027, -3.8739, 3.9446

## Achromatomaly

72.7951, -3.2494, -7.5636

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.2776, 0.0205, -31.3948 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(164, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 194, 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(164, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 194, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.2776, 0.0205, -31.3948 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(164, 194, 255) }
```



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

```
.border{ border-color:rgb(164, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.2776, 0.0205, -31.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 194, 255) }
```

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

```
.background{ background-color: rgb(164,  
194, 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