

# Converting Colors

HunterLab(73.9495, -5.0199,  
-30.3736)

Have a look what the booklet for  
HunterLab(73.9495, -5.0199,  
-30.3736) contains.

<b>HunterLab(74.0535, -5.1910, -30.2060)</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(74.0535, -5.1910,  
-30.2060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C7FF
RGB	153, 199, 255
RGB Percent	60%, 78%, 100%
CMY	0.4000, 0.2196, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	213°, 100%, 80%
HSV	213°, 40%, 100%
XYZ	51.6104, 54.8392, 102.4727
YIQ	191.6300, -45.3920, 7.6640

# Conversions

## Conversions Part 2

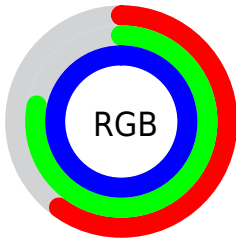
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 185, 255
Decimal	10078207
CIE Lab	78.95, -1.35, -32.29
CIE LCh	79, 32.317, 267.611
Yxy	54.8412, 0.2470, 0.2625
Android (android.graphics.Color)	4288268287 (0xFF99C7FF)
YUV	191.6300, 31.2414, -33.8785
Hunter-Lab	74.0535, -5.1910, -30.2060

# Details

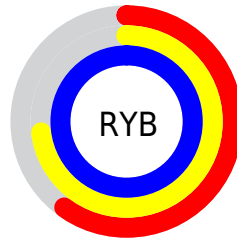
The HunterLab color  $74.0535, -5.1910, -30.2060$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $83.1635, 4.2615, 29.8324$ , and the grayscale version is  $72.3336, -3.8595, 3.9300$ .

A 20% lighter version of the original color is  $96.1466, -19.0123, 0.5712$ , and  $51.8357, -3.7685, -29.2341$  is the 20% darker color. If you saturate the color by 10%, you get  $68.1692, -3.4870, -40.3404$ , and if you desaturate by 10%, it is  $80.2091, -6.1250, -20.6162$ .

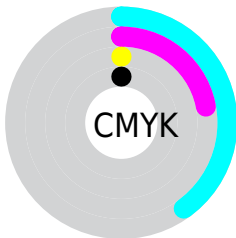
# Distribution



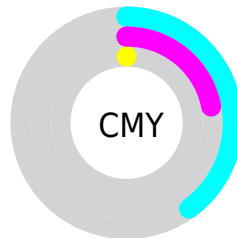
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0535, -5.1910, -30.2060 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 74.0535, -5.1910, -30.2060 by changing the saturation by 10% instead.



■ 74.0535, -5.1910,  
-30.2060

■ 74.0535, -5.1910,  
-30.2060

201.3231,  
-12.4812, -32.6551

■ 62.6695, -4.5163,  
-29.6783

■ 98.6450, -6.6299,  
-31.1023

■ 51.9359, -3.8715,  
-29.1092

■ 111.7933, -7.3904,  
-31.4727

■ 41.8966, -3.2588,  
-28.5105

125.4790, -8.1774,  
-31.7911

■ 32.6033, -2.6797,  
-27.9130

139.6816, -8.9899,  
-32.0589

■ 24.1215, -2.1359,  
-27.3862

154.3829, -9.8272,  
-32.2775

■ 16.5378, -1.6292,  
-27.1016

169.5666,

■ 9.9750, -1.1607,

-10.6886, -32.4487

-27.5659

185.2179,  
-11.5735, -32.5740

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.0535, -5.1910,  
-30.2060

■ 74.0535, -5.1910,  
-30.2060

■ 68.1692, -3.4870,  
-40.3404

■ 80.2091, -6.1250,  
-20.6162

■ 62.5878, -0.8858,  
-51.0719

■ 86.6013, -6.3984,  
-11.5202

■ 57.3521, 2.7413,  
-62.4165

■ 93.2059, -6.1083,  
-2.8556

■ 52.5073, 7.5096,  
-74.3426

100.0000, -5.3358,  
5.4332

■ 48.0987, 13.4828,

-86.7462

■ 44.1391, 20.5468,  
-99.5242

■ 44.1384, 20.5481,  
-99.5266

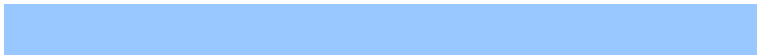
# Harmonies

## Analogous

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



74.0549, -19.2335, -24.0844



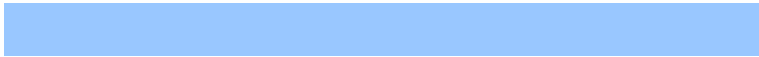
74.0535, -5.1910, -30.2060



74.0549, 10.3501, -25.7020

# Triad

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



74.0549, -5.1917, -30.2037



74.0549, 24.3066, 15.9893



74.0549, -27.4498, 17.6499

# Complementary

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



74.0535, -5.1910, -30.2060



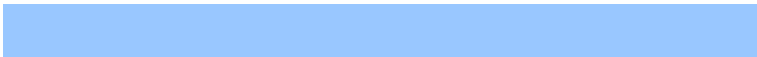
83.1635, 4.2615, 29.8324

# 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.



74.0549, -17.2511, 24.9867



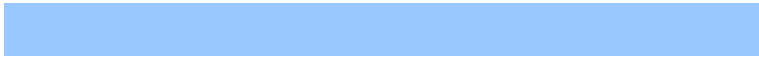
74.0535, -5.1910, -30.2060



74.0549, 12.6715, 24.1754

# Square

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



74.0549, -5.1917, -30.2037



74.0549, 28.1899, 2.8413



74.0549, -2.7108, 27.1067



74.0549, -31.4083, 5.2013



# Rectangle

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



74.0535, -5.1910, -30.2060



74.0549, 19.3345, -17.7093



74.0549, -2.7108, 27.1067



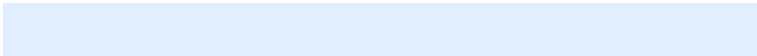
74.0549, -24.6810, 20.6908

# Sweetspot

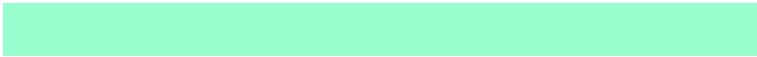
The Sweet Spot groups the original color and five complimentary colors.



74.0549, -5.1917, -30.2037



91.8679, -6.2074, -4.5584



91.0041, -41.1592, 16.7280



42.1003, -2.8968, -2.6268

0.0000, NaN, NaN

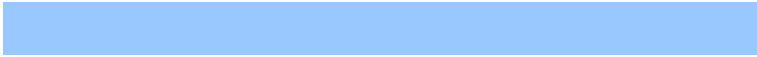


46.2646, -2.4686, 2.5136

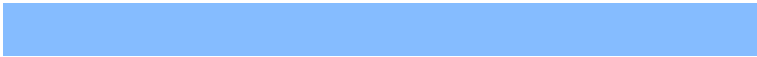


# Same Dimension

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



74.0549, -5.1917, -30.2037



69.3221, -3.8951, -38.2686



60.9199, 20.0595, -54.1868



43.2745, -2.8133, -1.1279



32.3550, 13.8820, -70.4081



11.1080, 2.2804, -18.8067



# Inverse Universe

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



69.4029, 40.4257, -2.6878



64.4577, 49.5564, -3.0731



97.1807, -20.3493, 41.1382



42.5714, 2.4403, 1.3052



34.3289, 60.7583, 6.9193

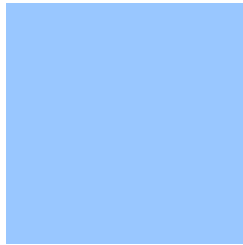


10.8125, 19.3258, 0.7153



# Previews

## White Background



This preview shows how the HunterLab color 74.0535, -5.1910, -30.2060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

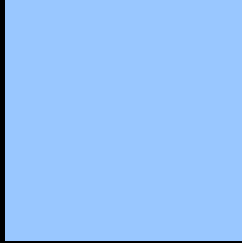
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.0535, -5.1910, -30.2060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

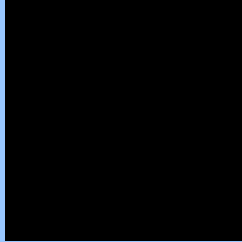
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

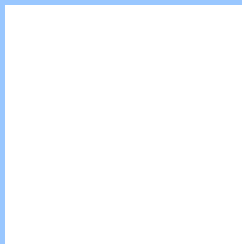
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.0535, -5.1910, -30.2060 Background



This preview shows how black text looks on a background with the HunterLab color 74.0535, -5.1910, -30.2060.



This preview shows how white text looks on a background with the HunterLab color 74.0535, -5.1910,

-30.2060.

# 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

74.0535, -5.1910, -30.2060

### Protanopia

73.9901, 3.5602, -26.8190

### Deuteranopia

73.9885, 5.5152, -30.1251



## Tritanopia

74.0354, -17.7295, -9.4724

# Trichromacy



## Original Color

74.0535, -5.1910, -30.2060

## Protanomaly

73.8949, 0.3128, -28.3542

## Deuteranomaly

74.1000, 1.2723, -30.0166

## Tritanomaly

74.0257, -13.5688, -16.3681

# Monochromacy



## Original Color

74.0535, -5.1910, -30.2060

## Achromatopsia

72.6027, -3.8739, 3.9446

## Achromatomaly

73.0763, -5.4067, -7.2266

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0535, -5.1910, -30.2060 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(153, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 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(153, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0535, -5.1910, -30.2060 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(153, 199, 255) }
```



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

```
.border{ border-color:rgb(153, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0535, -5.1910, -30.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 255) }
```

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

```
.background{ background-color: rgb(153,  
199, 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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