

# Converting Colors

HunterLab(74.9859, -5.8541,  
-28.7012)

Have a look what the booklet for  
HunterLab(74.9859, -5.8541,  
-28.7012) contains.

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# Color

**HunterLab(74.8740, -5.5190,  
-28.8760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC9FF
RGB	156, 201, 255
RGB Percent	61%, 79%, 100%
CMY	0.3882, 0.2118, 0.0000
CMYK	0.39, 0.21, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 39%, 100%
XYZ	52.6469, 56.0612, 102.6538
YIQ	193.7010, -44.1540, 7.2540

# Conversions

## Conversions Part 2

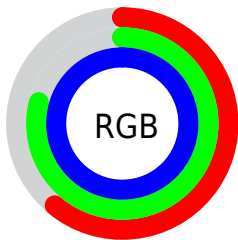
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 187, 255
Decimal	10275327
CIE Lab	79.65, -1.65, -31.20
CIE LCh	80, 31.241, 266.970
Yxy	56.0632, 0.2491, 0.2652
Android (android.graphics.Color)	4288465407 (0xFF9CC9FF)
YUV	193.7010, 30.2204, -33.0638
Hunter-Lab	74.8740, -5.5190, -28.8760

# Details

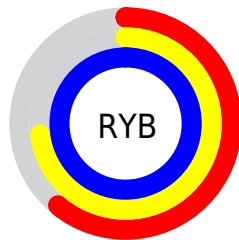
The HunterLab color  $74.8740, -5.5190, -28.8760$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $83.5189, 4.0641, 29.2057$ , and the grayscale version is  $73.2135, -3.9065, 3.9778$ .

A 20% lighter version of the original color is  $96.3775, -18.1769, 0.8678$ , and  $52.5871, -4.1732, -27.9051$  is the 20% darker color. If you saturate the color by 10%, you get  $68.9830, -3.9581, -38.8763$ , and if you desaturate by 10%, it is  $81.0315, -6.3242, -19.4031$ .

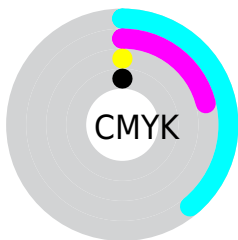
# Distribution



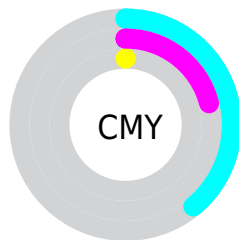
- Red (61%)
- Green (79%)
- Blue (100%)



- Red (61%)
- Yellow (73%)
- Blue (100%)



- Cyan (39%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8740, -5.5190, -28.8760 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 74.8740, -5.5190, -28.8760 by changing the saturation by 10% instead.



■ 74.8740, -5.5190,  
-28.8760

■ 74.8740, -5.5190,  
-28.8760

202.4672,  
-12.9365, -31.0436

■ 63.4457, -4.8269,  
-28.3759

■ 99.5475, -6.9901,  
-29.7117

■ 52.6653, -4.1638,  
-27.8306

■ 112.7342, -7.7657,  
-30.0505

■ 42.5758, -3.5315,  
-27.2491

126.4567, -8.5672,  
-30.3371

■ 33.2283, -2.9313,  
-26.6570

140.6947, -9.3936,  
-30.5730

■ 24.6872, -2.3644,  
-26.1123

155.4304,  
-10.2444, -30.7599

■ 17.0372, -1.8320,  
-25.7590

170.6473,

■ 10.3977, -1.3342,

-11.1189, -30.8994

-26.0180

186.3307,  
-12.0165, -30.9935

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.8740, -5.5190,  
-28.8760

■ 74.8740, -5.5190,  
-28.8760

■ 68.9830, -3.9581,  
-38.8763

■ 81.0315, -6.3242,  
-19.4031

■ 63.3892, -1.5168,  
-49.4561

■ 87.4218, -6.4807,  
-10.4081

■ 58.1340, 1.9327,  
-60.6333

■ 94.0212, -6.0831,  
-1.8309

■ 53.2615, 6.5072,  
-72.3827

100.0000, -5.3358,  
5.4332

■ 48.8163, 12.2783,

-84.6108

■ 44.8226, 19.1812,  
-97.1891

■ 44.3739, 20.0362,  
-98.7159

# Harmonies

## Analogous

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



74.8754, -19.0990, -22.8071



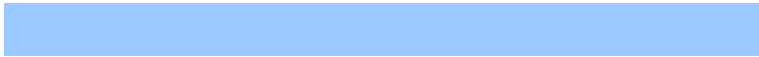
74.8740, -5.5190, -28.8760



74.8754, 9.5528, -24.7743

# Triad

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



74.8754, -5.5198, -28.8738



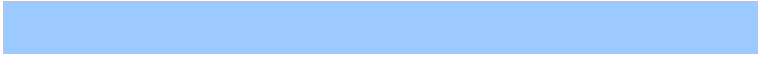
74.8754, 23.5158, 15.4945



74.8754, -26.7046, 17.5567

# Complementary

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



74.8740, -5.5190, -28.8760



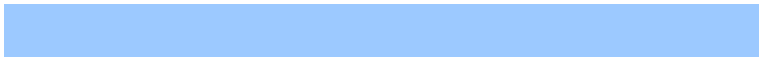
83.5189, 4.0641, 29.2057

# 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.



74.8754, -16.6510, 24.6581



74.8740, -5.5190, -28.8760



74.8754, 12.4010, 23.6426

# Square

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



74.8754, -5.5198, -28.8738



74.8754, 27.0759, 2.6088



74.8754, -2.4664, 26.6460



74.8754, -30.7099, 5.5135



# Rectangle

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



74.8740, -5.5190, -28.8760



74.8754, 18.3015, -17.1980



74.8754, -2.4664, 26.6460



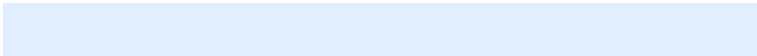
74.8754, -23.9612, 20.5027

# Sweetspot

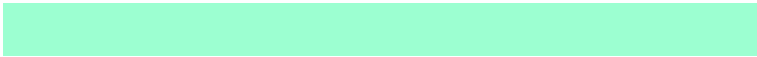
The Sweet Spot groups the original color and five complimentary colors.



74.8754, -5.5198, -28.8738



91.9025, -6.2644, -4.5150



91.2042, -40.3089, 16.3635



42.1180, -2.9260, -2.6044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

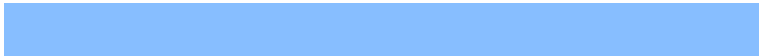


# Same Dimension

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



74.8754, -5.5198, -28.8738



70.0354, -4.3044, -37.0122



61.9681, 19.1559, -51.9992



43.2872, -2.8342, -1.1123



32.5243, 13.5201, -69.8386



11.1578, 2.1849, -18.6629



# Inverse Universe

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



70.1823, 39.1232, -2.7531



65.0625, 48.4980, -3.2591



97.2419, -20.0237, 40.3912



42.5728, 2.4473, 1.2867



34.3451, 60.8173, 6.6867

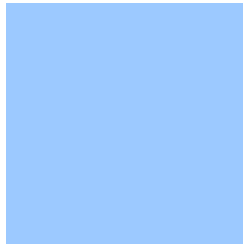


10.8177, 19.3446, 0.6414



# Previews

## White Background



This preview shows how the HunterLab color 74.8740, -5.5190, -28.8760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

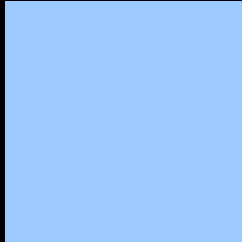
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.8740, -5.5190, -28.8760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

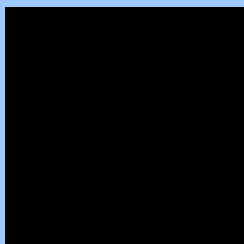
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

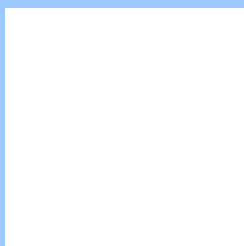
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.8740, -5.5190, -28.8760 Background



This preview shows how black text looks on a background with the HunterLab color 74.8740, -5.5190, -28.8760.



This preview shows how white text looks on a background with the HunterLab color 74.8740, -5.5190,

-28.8760.

# 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

74.8740, -5.5190, -28.8760

### Protanopia

74.8329, 3.3329, -25.4874

### Deuteranopia

74.8291, 5.2789, -28.7597



## Tritanopia

74.9995, -17.3776, -9.2790

# Trichromacy



## Original Color

74.8740, -5.5190, -28.8760

## Protanomaly

74.7295, 0.0490, -27.0192

## Deuteranomaly

74.9341, 1.0044, -28.6647

## Tritanomaly

74.9934, -13.2058, -16.1598

# Monochromacy



## Original Color

74.8740, -5.5190, -28.8760

## Achromatopsia

73.4493, -3.9191, 3.9906

## Achromatomaly

73.8875, -5.6528, -6.7007

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8740, -5.5190, -28.8760 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(156, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 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(156, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8740, -5.5190, -28.8760 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(156, 201, 255) }
```



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

```
.border{ border-color:rgb(156, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(156, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8740, -5.5190, -28.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 255) }
```

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

```
.background{ background-color: rgb(156,  
201, 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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