

# Converting Colors

HunterLab(74.7585, -19.6110,  
-29.3096)

Have a look what the booklet for  
HunterLab(74.7585, -19.6110,  
-29.3096) contains.

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# Color

**HunterLab(74.6753,  
-19.3886, -29.4407)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 68D1FF                      |
| RGB         | 104, 209, 255               |
| RGB Percent | 41%, 82%, 100%              |
| CMY         | 0.5921, 0.1804, 0.0000      |
| CMYK        | 0.59, 0.18, 0.00, 0.00      |
| HSL         | 198°, 100%, 70%             |
| HSV         | 198°, 59%, 100%             |
| XYZ         | 46.5594, 55.7640, 102.9174  |
| YIQ         | 182.8490, -77.3460, -7.9540 |

# Conversions

## Conversions Part 2

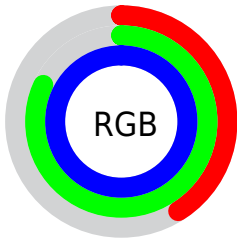
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">104, 166, 255</a>                   |
| Decimal                             | <a href="#">6869503</a>                         |
| CIELab                              | <a href="#">79.48, -17.40, -31.66</a>           |
| CIELCh                              | <a href="#">79, 36.124, 241.204</a>             |
| Yxy                                 | <a href="#">55.7660, 0.2269,<br/>0.2717</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285059583<br/>(0xFF68D1FF)</a>     |
| YUV                                 | <a href="#">182.8490, 35.5704,<br/>-69.1506</a> |
| Hunter-Lab                          | <a href="#">74.6753, -19.3886,<br/>-29.4407</a> |

# Details

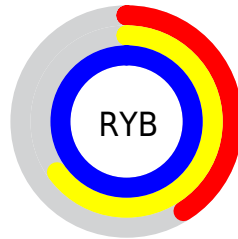
The HunterLab color **74.6753, -19.3886, -29.4407** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66.3881, 30.7499, 29.7481**, and the grayscale version is **68.6310, -3.6620, 3.7289**.

A 20% lighter version of the original color is **93.1917, -29.8961, -3.2900**, and **52.6328, -16.5880, -28.0420** is the 20% darker color. If you saturate the color by 10%, you get **71.2349, -18.9791, -35.1812**, and if you desaturate by 10%, it is **78.3804, -18.8923, -23.5982**.

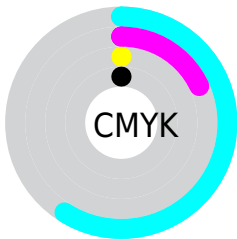
# Distribution



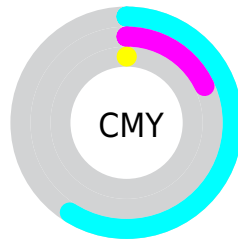
- Red (41%)
- Green (82%)
- Blue (100%)



- Red (41%)
- Yellow (65%)
- Blue (100%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6753, -19.3886, -29.4407 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 74.6753, -19.3886, -29.4407 by changing the saturation by 10% instead.



74.6753, -19.3886,  
-29.4407

74.6753, -19.3886,  
-29.4407

202.1902,  
-32.7135, -31.7220

63.2577, -17.8773,  
-28.9295

99.3289, -22.3680,  
-30.3009

52.4885, -16.3413,  
-28.3744

112.5063,  
-23.8454, -30.6524

42.4112, -14.7699,  
-27.7856

126.2199,  
-25.3195, -30.9519

33.0767, -13.1469,  
-27.1904

140.4494,  
-26.7928, -31.2006

24.5499, -11.4471,  
-26.6510

155.1767,  
-28.2674, -31.4003

16.9159, -9.6274,  
-26.3204

170.3856,

10.2949, -8.0849,

-29.7448, -31.5526

-26.6472

186.0613,  
-31.2265, -31.6593

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.6753, -19.3886,  
-29.4407

■ 74.6753, -19.3886,  
-29.4407

■ 71.2349, -18.9791,  
-35.1812

■ 78.3804, -18.8923,  
-23.5982

■ 68.0616, -17.6333,  
-40.7844

■ 82.3353, -17.5429,  
-17.7000

■ 65.1545, -15.3628,  
-46.2133

■ 86.5279, -15.4073,  
-11.7781

■ 62.4869, -12.2800,  
-51.4783

■ 90.9437, -12.5572,  
-5.8595

■ 62.2820, -12.0219,

■ 95.5678, -9.0642,

-51.8954

0.0354

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

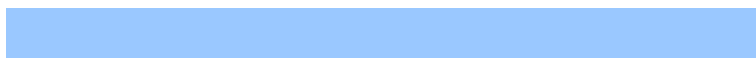
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6766, -30.4354, -14.3178



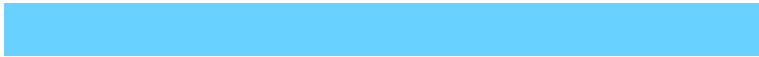
74.6753, -19.3886, -29.4407



74.6766, -3.2861, -35.1350

# Triad

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



74.6766, -19.3889, -29.4385



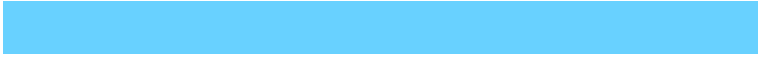
74.6766, 32.3791, 4.7288



74.6766, -20.4991, 26.4338

# Complementary

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



74.6753, -19.3886, -29.4407



66.3881, 30.7499, 29.7481

# 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.



74.6766, -4.6884, 29.3424



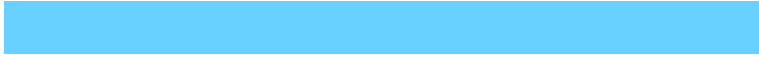
74.6753, -19.3886, -29.4407



74.6766, 26.7431, 18.7088

# Square

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



74.6766, -19.3889, -29.4385



74.6766, 27.5548, -12.8951



74.6766, 12.7707, 26.8715



74.6766, -31.0341, 17.7931



# Rectangle

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



74.6753, -19.3886, -29.4407



74.6766, 8.4655, -31.9891



74.6766, 12.7707, 26.8715



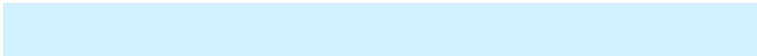
74.6766, -15.6764, 28.0124

# Sweetspot

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



74.6766, -19.3889, -29.4385



91.4936, -12.1665, -5.1431



87.5461, -57.5413, 33.5949



41.7210, -6.0552, -3.1751

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.6766, -19.3889, -29.4385



70.6480, -18.8075, -36.1941



52.2214, 19.0643, -74.9014



44.1503, -4.2446, -0.0630



45.3263, -9.1534, -36.8943



14.8100, -3.8451, -10.2108



# Inverse Universe

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



59.8045, 67.5611, -21.7706



55.0580, 79.0194, -23.4327



87.1796, -7.9891, 44.6715



42.6621, 2.9266, 0.0151



35.7798, 66.0061, -13.5618

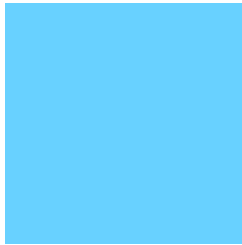


11.2515, 20.9069, -5.4294



# Previews

## White Background



This preview shows how the HunterLab color 74.6753, -19.3886, -29.4407 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

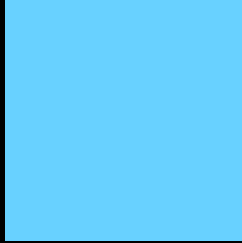
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.6753, -19.3886, -29.4407 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

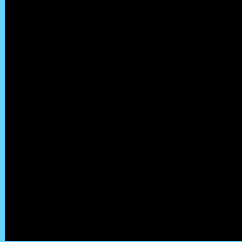
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

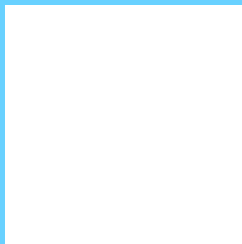
Any Text WCAG AAA ✓ Pass

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

# HunterLab 74.6753, -19.3886, -29.4407 Background



This preview shows how black text looks on a background with the HunterLab color 74.6753, -19.3886, -29.4407.



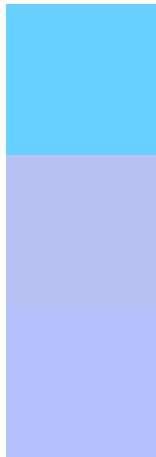
This preview shows how white text looks on a background with the HunterLab color 74.6753,

-19.3886, -29.4407.

# 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

74.6753, -19.3886, -29.4407

### Protanopia

74.3677, 2.8009, -22.3613

### Deuteranopia

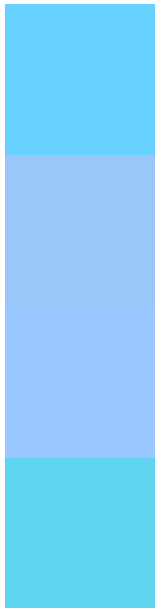
74.2857, 4.9845, -29.6479



## Tritanopia

74.6225, -28.3721, -14.5824

# Trichromacy



## Original Color

74.6753, -19.3886, -29.4407

## Protanomaly

73.8869, -6.3730, -25.8453

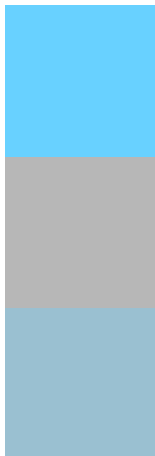
## Deuteranomaly

74.0535, -5.1910, -30.2060

## Tritanomaly

74.7794, -25.3543, -19.7274

# Monochromacy



## Original Color

74.6753, -19.3886, -29.4407

## Achromatopsia

68.8136, -3.6717, 3.7388

## Achromatomaly

70.1233, -11.5156, -7.9945

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.6753, -19.3886, -29.4407 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(104, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 209, 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(104, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 209, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.6753, -19.3886, -29.4407 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(104, 209, 255) }
```



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

```
.border{ border-color:rgb(104, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 209,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.6753, -19.3886, -29.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 209, 255) }
```

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

```
.background{ background-color: rgb(104,  
209, 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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