

# Converting Colors

HunterLab(74.5212, -14.8294,  
-19.9303)

Have a look what the booklet for  
HunterLab(74.5212, -14.8294,  
-19.9303) contains.

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# Color

**HunterLab(74.4600,  
-14.7403, -20.0189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BCDF0
RGB	139, 205, 240
RGB Percent	55%, 80%, 94%
CMY	0.4549, 0.1961, 0.0588
CMYK	0.42, 0.15, 0.00, 0.06
HSL	201°, 77%, 74%
HSV	201°, 42%, 94%
XYZ	48.2070, 55.4429, 90.5989
YIQ	189.2560, -50.5710, -3.1070

# Conversions

## Conversions Part 2

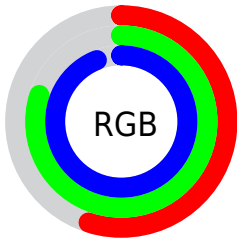
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 179, 240
Decimal	9162224
CIELab	79.30, -12.01, -23.81
CIELCh	79, 26.668, 243.224
Yxy	55.4450, 0.2482, 0.2854
Android (android.graphics.Color)	4287352304 (0xFF8BCDF0)
YUV	189.2560, 25.0168, -44.0745
Hunter-Lab	74.4600, -14.7403, -20.0189

# Details

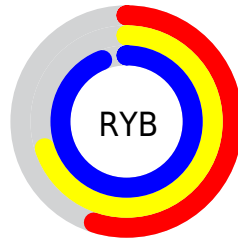
The HunterLab color  $74.4600, -14.7403, -20.0189$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $71.1777, 15.2057, 23.7776$ , and the grayscale version is  $71.3585, -3.8075, 3.8770$ .

A 20% lighter version of the original color is  $95.1187, -22.7571, -0.7582$ , and  $52.3764, -12.3009, -19.2744$  is the 20% darker color. If you saturate the color by 10%, you get  $70.5173, -15.3333, -26.1297$ , and if you desaturate by 10%, it is  $78.6308, -13.4103, -13.9444$ .

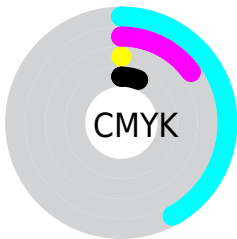
# Distribution



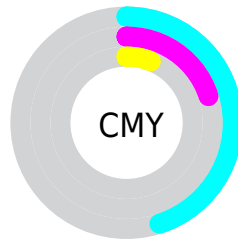
- Red (55%)
- Green (80%)
- Blue (94%)



- Red (55%)
- Yellow (70%)
- Blue (94%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (20%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4600, -14.7403, -20.0189 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 74.4600, -14.7403, -20.0189 by changing the saturation by 10% instead.



■ 74.4600, -14.7403,  
-20.0189

■ 74.4600, -14.7403,  
-20.0189

201.8902,  
-26.0087, -20.3745

■ 63.0541, -13.5159,  
-19.7108

■ 99.0922, -17.1928,  
-20.4538

■ 52.2973, -12.2862,  
-19.3427

■ 112.2596,  
-18.4256, -20.5881

■ 42.2330, -11.0452,  
-18.9144

125.9636,  
-19.6654, -20.6699

■ 32.9128, -9.7832,  
-18.4322

140.1837,  
-20.9137, -20.7018

■ 24.4015, -8.4850,  
-17.9168

154.9021,  
-22.1714, -20.6862

■ 16.7849, -7.1239,  
-17.4280

170.1023,

■ 10.1839, -5.8160,

-23.4394, -20.6251

-17.1584

185.7695,  
-24.7184, -20.5206

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.4600, -14.7403,  
-20.0189

■ 74.4600, -14.7403,  
-20.0189

■ 70.5173, -15.3333,  
-26.1297

■ 78.6308, -13.4103,  
-13.9444

■ 66.8136, -15.1204,  
-32.2505

■ 83.0100, -11.4129,  
-7.9317

■ 63.3632, -14.0467,  
-38.3415

■ 87.5835, -8.8186,  
-1.9934

■ 60.1748, -12.0812,  
-44.3590


■ 92.3368, -5.6928,  
3.8631


■ 57.2484, -9.2360,


■ 96.8609, -3.4606,

-50.2646

9.1624

 55.0904, -6.4705,  
-54.8903

 99.5036, -7.8407,  
12.0544

 99.5346, -7.8914,  
12.0879

# Harmonies

## Analogous

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



74.4614, -23.4625, -9.9457



74.4600, -14.7403, -20.0189



74.4614, -2.5883, -23.3076

# Triad

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



74.4614, -14.7408, -20.0176



74.4614, 22.2160, 5.3575



74.4614, -16.9847, 21.0951

# Complementary

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



74.4600, -14.7403, -20.0189



71.1777, 15.2057, 23.7776

# 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.



74.4614, -5.3558, 23.8399



74.4600, -14.7403, -20.0189



74.4614, 17.7442, 15.7710

# Square

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



74.4614, -14.7408, -20.0176



74.4614, 19.2876, -7.2813



74.4614, 7.4351, 22.0679



74.4614, -24.6953, 13.8455



# Rectangle

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



74.4600, -14.7403, -20.0189



74.4614, 5.9759, -20.8243



74.4614, 7.4351, 22.0679



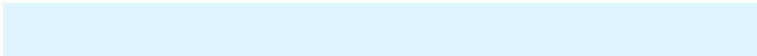
74.4614, -13.4332, 22.5140

# Sweetspot

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



74.4614, -14.7408, -20.0176



93.3458, -9.7398, -2.7428



84.1515, -42.6495, 23.3699



42.6781, -4.8089, -1.9181

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

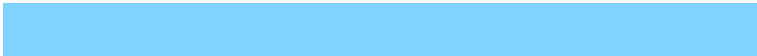


# Same Dimension

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



74.4614, -14.7408, -20.0176



76.3340, -16.3690, -26.7335



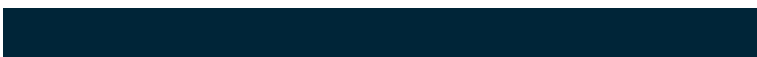
59.5844, 10.2779, -45.1362



41.1742, -3.7335, -0.2128



41.0751, -5.2893, -39.9223



12.6039, -2.6927, -9.9409



# Inverse Universe

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



64.3428, 43.2791, -12.8186



64.2357, 56.0657, -16.2096



85.5892, -9.9895, 35.6430



39.9161, 2.6274, 0.2365



33.9066, 62.0638, -9.0802

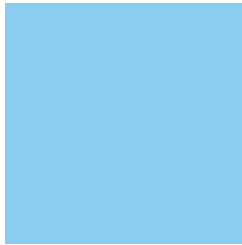


9.8746, 18.2417, -3.9377



# Previews

## White Background



This preview shows how the HunterLab color 74.4600, -14.7403, -20.0189 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

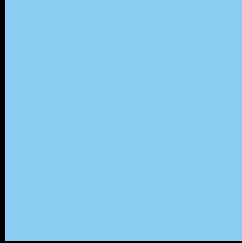
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.4600, -14.7403, -20.0189 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

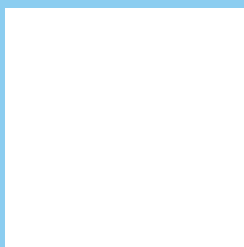
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.4600, -14.7403, -20.0189 Background



This preview shows how black text looks on a background with the HunterLab color 74.4600, -14.7403, -20.0189.



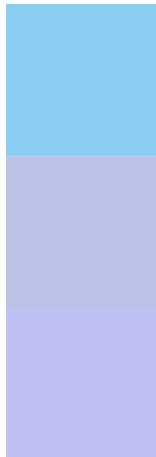
This preview shows how white text looks on a background with the HunterLab color 74.4600, -14.7403, -20.0189.

-14.7403, -20.0189.

# 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

74.4600, -14.7403, -20.0189

### Protanopia

74.2301, 1.3841, -15.2139

### Deuteranopia

74.3281, 5.6429, -21.7390



## Tritanopia

74.5952, -20.4625, -10.4447

# Trichromacy



## Original Color

74.4600, -14.7403, -20.0189

## Protanomaly

74.1164, -5.0292, -17.2924

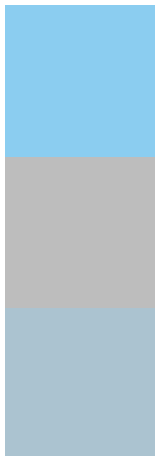
## Deuteranomaly

74.2388, -2.4688, -21.3868

## Tritanomaly

74.5473, -18.5194, -13.9295

# Monochromacy



## Original Color

74.4600, -14.7403, -20.0189

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

72.2788, -8.7004, -4.5652

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.4600, -14.7403, -20.0189 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(139, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 205, 240)  
}
```

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(139, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 205, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.4600, -14.7403, -20.0189 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(139, 205, 240) }
```



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

```
.border{ border-color:rgb(139, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(139, 205,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.4600, -14.7403, -20.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 205, 240) }
```

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

```
.background{ background-color: rgb(139,  
205, 240) }
```

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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