

# Converting Colors

HunterLab(78.1442, -21.2924,  
-5.5946)

Have a look what the booklet for  
HunterLab(78.1442, -21.2924,  
-5.5946) contains.

<b>HunterLab(78.0881, -21.0160, -5.7949)</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(78.0881,  
-21.0160, -5.7949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D8E0
RGB	150, 216, 224
RGB Percent	59%, 85%, 88%
CMY	0.4118, 0.1529, 0.1216
CMYK	0.33, 0.04, 0.00, 0.12
HSL	186°, 54%, 73%
HSV	186°, 33%, 88%
XYZ	50.5880, 60.9775, 79.6245
YIQ	197.1780, -41.9040, -11.5040

# Conversions

## Conversions Part 2

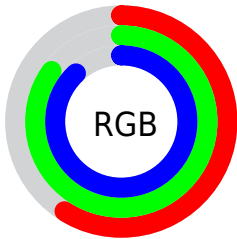
Format	Color
R <sub>Y</sub> B	150, 185, 224
Decimal	9885920
CIE Lab	82.37, -18.79, -10.59
CIE LCh	82, 21.570, 209.401
Yxy	60.9799, 0.2646, 0.3189
Android (android.graphics.Color)	4288076000 (0xFF96D8E0)
YUV	197.1780, 13.2232, -41.3751
Hunter-Lab	78.0881, -21.0160, -5.7949

# Details

The HunterLab color **78.0881, -21.0160, -5.7949** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.1948, 18.6262, 14.2568**, and the grayscale version is **74.7576, -3.9889, 4.0617**.

A 20% lighter version of the original color is **95.8446, -20.1082, 0.1821**, and **55.5348, -17.6981, -6.1639** is the 20% darker color. If you saturate the color by 10%, you get **76.0412, -24.5316, -8.5599**, and if you desaturate by 10%, it is **80.3503, -16.7889, -2.8202**.

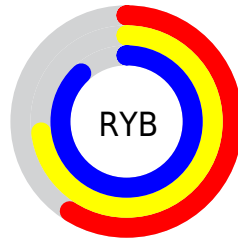
# Distribution



Red (59%)

Green (85%)

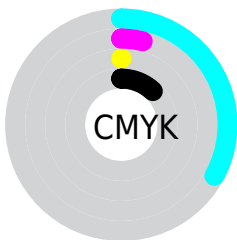
Blue (88%)



Red (59%)

Yellow (73%)

Blue (88%)

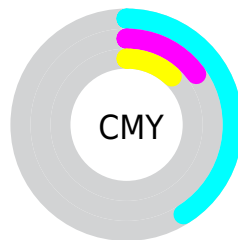


Cyan (33%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (41%)

Magenta (15%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.0881, -21.0160, -5.7949 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 78.0881, -21.0160, -5.7949 by changing the saturation by 10% instead.



■ 78.0881, -21.0160,  
-5.7949

■ 78.0881, -21.0160,  
-5.7949

206.9300,  
-34.8686, -2.2335

■ 66.4898, -19.4370,  
-5.9669

■ 103.0776,  
-24.1256, -5.2940

■ 55.5291, -17.8302,  
-6.0833

■ 116.4121,  
-25.6648, -4.9744

■ 45.2472, -16.1856,  
-6.1374

130.2766,  
-27.1988, -4.6121

■ 35.6923, -14.4871,  
-6.1229

144.6516,  
-28.7302, -4.2095

■ 26.9246, -12.7102,  
-6.0320

159.5196,  
-30.2613, -3.7686

■ 19.0224, -10.8146,  
-5.8561

174.8647,

■ 12.0936, -8.7263,

-31.7938, -3.2912

-5.5895

190.6726,  
-33.3292, -2.7791

■ 5.1200, -8.9601,  
-8.3093

0.0000, NaN, NaN

■ 78.0881, -21.0160,  
-5.7949

■ 78.0881, -21.0160,  
-5.7949

■ 76.0412, -24.5316,  
-8.5599

■ 80.3503, -16.7889,  
-2.8202

■ 74.2068, -27.2968,  
-11.0979

■ 82.8187, -11.8952,  
0.3374

■ 72.5850, -29.2918,  
-13.3911

■ 85.4885, -6.3898,  
3.6557

■ 71.1702, -30.5176,  
-15.4295

■ 88.3521, -0.3298,  
7.1115

■ 69.9512, -31.0023,  
-17.2129

■ 90.6579, 3.7234,  
9.8069

■ 68.9095, -30.8099,  
-18.7551

■ 91.3952, 2.4340,  
10.6107

■ 68.2599, -30.3854,  
-19.7254

■ 92.1367, 1.1478,  
11.4134

■ 92.8825, -0.1352,  
12.2148

■ 93.6324, -1.4151,  
13.0150

# Harmonies

## Analogous

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



78.0897, -23.3781, 4.4513



78.0881, -21.0160, -5.7949



78.0897, -14.1987, -14.1837

# Triad

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



78.0897, -21.0168, -5.7937



78.0897, 14.0063, -6.1874



78.0897, -3.9595, 21.1415

# Complementary

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



78.0881, -21.0160, -5.7949



65.1948, 18.6262, 14.2568

# 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.



78.0897, 6.3901, 19.0602



78.0881, -21.0160, -5.7949



78.0897, 17.0933, 4.0494

# Square

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



78.0897, -21.0168, -5.7937



78.0897, 6.0053, -14.4314



78.0897, 14.2365, 13.1159



78.0897, -13.8512, 19.2194

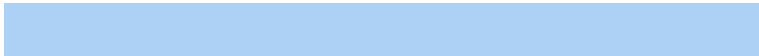


# Rectangle

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



78.0881, -21.0160, -5.7949



78.0897, -7.8551, -17.1173



78.0897, 14.2365, 13.1159



78.0897, -0.4170, 20.8917

# Sweetspot

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



78.0897, -21.0168, -5.7937



96.8166, -11.9594, 1.5113



78.8952, -35.4520, 23.8867



44.5934, -5.9384, 0.4506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.0897, -21.0168, -5.7937



88.7013, -27.3807, -9.0600



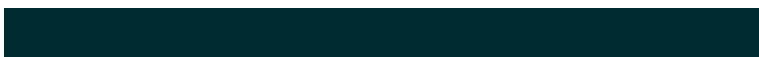
66.5947, -3.2293, -21.8078



39.1229, -4.6649, 0.7059



52.1767, -23.3078, -14.9015



14.0017, -6.4701, -3.5337



# Inverse Universe

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



65.2835, 33.5197, -18.1896



71.1145, 48.6337, -26.6692



75.3740, -0.1679, 23.7441



37.2945, 2.8325, -0.8725



34.1414, 65.5914, -33.1571

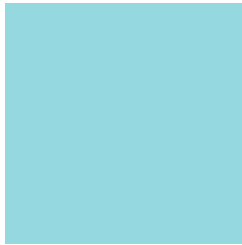


9.0298, 17.4127, -9.2731



# Previews

## White Background



This preview shows how the HunterLab color 78.0881, -21.0160, -5.7949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

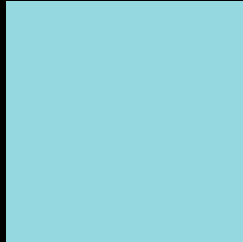
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.0881, -21.0160, -5.7949 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

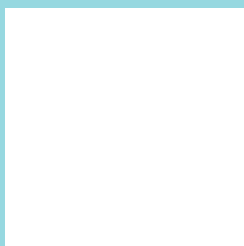
Any Text WCAG AAA ✓ Pass

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

## HunterLab 78.0881, -21.0160, -5.7949 Background



This preview shows how black text looks on a background with the HunterLab color 78.0881, -21.0160, -5.7949.



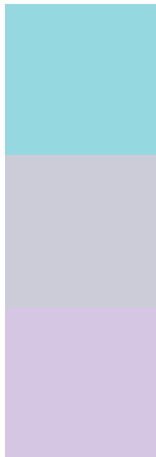
This preview shows how white text looks on a background with the HunterLab color 78.0881,

-21.0160, -5.7949.

# 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

78.0881, -21.0160, -5.7949

### Protanopia

77.7863, -1.5335, -1.6132

### Deuteranopia

77.8424, 5.6440, -7.8405



## Tritanopia

78.1681, -18.4729, -10.0630

# Trichromacy



## Original Color

78.0881, -21.0160, -5.7949

## Protanomaly

77.7281, -9.4677, -3.3904

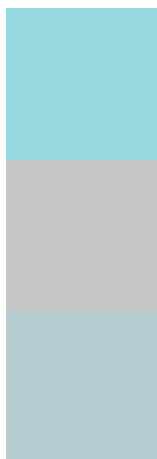
## Deuteranomaly

77.5602, -4.7057, -7.8442

## Tritanomaly

77.9983, -19.3119, -8.6245

# Monochromacy



## Original Color

78.0881, -21.0160, -5.7949

## Achromatopsia

74.7222, -3.9870, 4.0598

## Achromatomaly

75.7588, -10.8169, 0.2940

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.0881, -21.0160, -5.7949 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(150, 216, 224)` looks like.

```
.text, #text, p{  
    color:rgb(150, 216, 224)  
}
```

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(150, 216, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 216, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.0881, -21.0160, -5.7949 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(150, 216, 224) }
```



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

```
.border{ border-color:rgb(150, 216, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 216, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(150, 216,  
224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.0881, -21.0160, -5.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 216, 224) }
```

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

```
.background{ background-color: rgb(150,  
216, 224) }
```

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