

# Converting Colors

HunterLab(74.9850, -31.6923,  
8.9195)

Have a look what the booklet for  
HunterLab(74.9850, -31.6923,  
8.9195) contains.

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# Color

**HunterLab(74.9850,  
-31.6923, 8.9195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80D6BA
RGB	128, 214, 186
RGB Percent	50%, 84%, 73%
CMY	0.4980, 0.1608, 0.2706
CMYK	0.40, 0.00, 0.13, 0.16
HSL	160°, 51%, 67%
HSV	160°, 40%, 84%
XYZ	41.8116, 56.2275, 55.1037
YIQ	185.0940, -42.2680, -26.9400

# Conversions

## Conversions Part 2

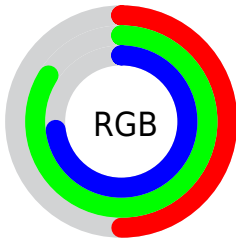
Format	Color
<a href="#">RYB</a>	<a href="#">128, 179, 214</a>
Decimal	<a href="#">8443578</a>
CIELab	<a href="#">79.74, -32.42, 5.69</a>
CIELCh	<a href="#">80, 32.915, 170.038</a>
Yxy	<a href="#">56.2298, 0.2730, 0.3672</a>
Android (android.graphics.Color)	<a href="#">4286633658 (0xFF80D6BA)</a>
YUV	<a href="#">185.0940, 0.4467, -50.0714</a>
Hunter-Lab	<a href="#">74.9850, -31.6923, 8.9195</a>

# Details

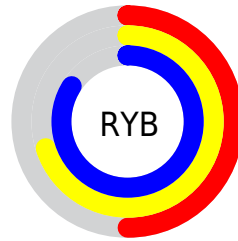
The HunterLab color **74.9850, -31.6923, 8.9195** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **56.6888, 31.3217, 2.5818**, and the grayscale version is **69.7045, -3.7193, 3.7872**.

A 20% lighter version of the original color is **93.8729, -28.2167, 4.2930**, and **52.8263, -26.9630, 7.1738** is the 20% darker color. If you saturate the color by 10%, you get **73.7918, -36.7232, 10.5464**, and if you desaturate by 10%, it is **76.4013, -25.9081, 7.4858**.

# Distribution



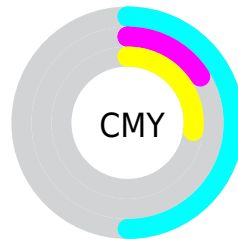
- Red (50%)
- Green (84%)
- Blue (73%)



- Red (50%)
- Yellow (70%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)




- Cyan (50%)
- Magenta (16%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9850, -31.6923, 8.9195 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 74.9850, -31.6923, 8.9195 by changing the saturation by 10% instead.





 74.9850, -31.6923,  
8.9195


 74.9850, -31.6923,  
8.9195


202.6220,  
-50.9138, 17.8834


 63.5509, -29.3511,  
8.0197


 99.6697, -36.1925,  
10.7776

 52.7641, -26.9249,  
7.1363


 112.8616,  
-38.3731, 11.7348

 42.6679, -24.3895,  
6.2686


 126.5890,  
-40.5191, 12.7115

 33.3131, -21.7085,  
5.4138

140.8318,  
-42.6368, 13.7075

 24.7640, -18.8258,  
4.5666

155.5721,  
-44.7312, 14.7229

 17.1051, -15.6484,  
3.7178

170.7935,

 10.4553, -14.3030,

-46.8067, 15.7574

2.9154

186.4813,  
-48.8665, 16.8110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9850, -31.6923,  
8.9195

■ 74.9850, -31.6923,  
8.9195

■ 73.7918, -36.7232,  
10.5464

■ 76.4013, -25.9081,  
7.4858

■ 72.8128, -40.9706,  
12.3416

■ 78.0373, -19.4123,  
6.2591

■ 72.0407, -44.4303,  
14.2782

■ 79.8928, -12.2630,  
5.2513

■ 71.4626, -47.1237,  
16.3236


■ 81.9636, -4.5253,  
4.4679


■ 71.0593, -49.1049,


■ 84.2438, 3.7325,


18.4404


3.9097

 70.7945, -50.5021,  
20.5326

 86.5714, 11.9348,  
3.3800

 86.7989, 13.1361,  
0.1422

 87.0349, 14.3790,  
-3.2071

 87.2794, 15.6632,  
-6.6676

# Harmonies

## Analogous

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



74.9865, -25.9397, 20.4002



74.9850, -31.6923, 8.9195



74.9865, -30.5137, -6.5336

# Triad

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



74.9865, -31.6932, 8.9204



74.9865, 6.7128, -28.5370



74.9865, 16.5650, 23.0574

# Complementary

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



74.9850, -31.6923, 8.9195



56.6888, 31.3217, 2.5818

# 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.



74.9865, 26.7892, 13.3413



74.9850, -31.6923, 8.9195



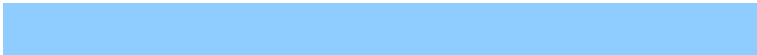
74.9865, 20.7821, -17.0006

# Square

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



74.9865, -31.6932, 8.9204



74.9865, -9.1989, -30.4068



74.9865, 28.3934, -1.1026



74.9865, 1.3340, 27.3680



# Rectangle

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



74.9850, -31.6923, 8.9195



74.9865, -25.9168, -17.0379



74.9865, 28.3934, -1.1026



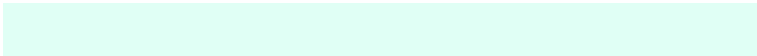
74.9865, 20.7529, 20.4226

# Sweetspot

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



74.9865, -31.6932, 8.9204



96.9671, -16.6979, 6.6200



75.3582, -32.9031, 29.7911



44.7194, -8.2686, 3.1338

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

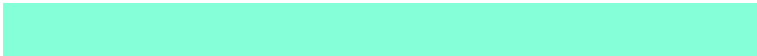


# Same Dimension

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



74.9865, -31.6932, 8.9204



90.2152, -43.8016, 12.5068



71.1341, -20.0494, -9.5463



37.4645, -5.4719, 2.4261



55.0564, -39.1516, 15.7014



13.5764, -9.2784, 3.0601



# Inverse Universe

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



56.6888, 31.3217, 2.5818



63.9701, 47.2787, 3.8594



59.4151, 20.2577, 16.5860



35.3367, 1.7494, 1.6279



29.8714, 52.0994, 11.9867



7.4378, 13.1679, 1.4691



# Previews

## White Background



This preview shows how the HunterLab color 74.9850, -31.6923, 8.9195 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

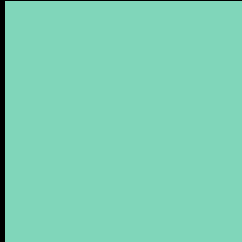
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9850, -31.6923, 8.9195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

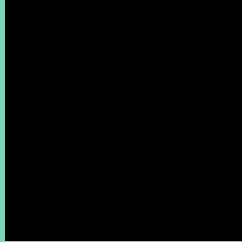
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

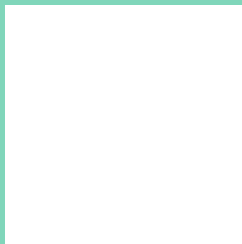
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.9850, -31.6923, 8.9195 Background



This preview shows how black text looks on a background with the HunterLab color 74.9850, -31.6923, 8.9195.



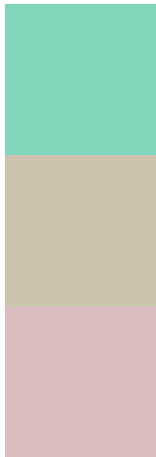
This preview shows how white text looks on a background with the HunterLab color 74.9850,

-31.6923, 8.9195.

# 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

74.9850, -31.6923, 8.9195

### Protanopia

74.5611, -4.1902, 13.2091

### Deuteranopia

74.4942, 5.5712, 6.7704



## Tritanopia

74.8006, -19.6312, -10.7150

# Trichromacy



## Original Color

74.9850, -31.6923, 8.9195



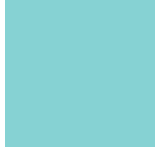
## Protanomaly

74.4005, -15.6985, 11.1601



## Deuteranomaly

74.0508, -9.9885, 6.9075



## Tritanomaly

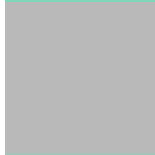
74.7427, -24.2003, -3.2543

# Monochromacy



## Original Color

74.9850, -31.6923, 8.9195



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

71.3268, -15.1928, 5.5321

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9850, -31.6923, 8.9195 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(128, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 186)  
}
```

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(128, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9850, -31.6923, 8.9195 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(128, 214, 186) }
```



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

```
.border{ border-color:rgb(128, 214, 186) }
```

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

Here you see how a box with a 4 pixel rgb(128, 214, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9850, -31.6923, 8.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 214, 186) }
```

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

```
.background{ background-color: rgb(128,  
214, 186) }
```

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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