

# Converting Colors

HunterLab(80.0374, -31.1915,  
-4.7087)

Have a look what the booklet for  
HunterLab(80.0374, -31.1915,  
-4.7087) contains.

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# Color

**HunterLab(79.9229,  
-31.1665, -4.6740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78E2E2
RGB	120, 226, 226
RGB Percent	47%, 89%, 89%
CMY	0.5294, 0.1137, 0.1137
CMYK	0.47, 0.00, 0.00, 0.11
HSL	180°, 65%, 68%
HSV	180°, 47%, 89%
XYZ	48.6695, 63.8767, 81.7158
YIQ	194.3060, -63.1760, -22.4720

# Conversions

## Conversions Part 2

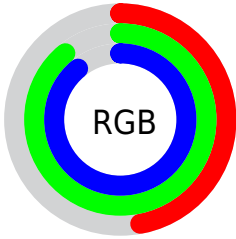
Format	Color
<a href="#">RYB</a>	<a href="#">120, 173, 226</a>
Decimal	<a href="#">7922402</a>
CIELab	<a href="#">83.90, -30.60, -9.51</a>
CIELCh	<a href="#">84, 32.038, 197.261</a>
Yxy	<a href="#">63.8792, 0.2505, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286112482</a> ( <a href="#">0xFF78E2E2</a> )
YUV	<a href="#">194.3060, 15.6251, -65.1664</a>
Hunter-Lab	<a href="#">79.9229, -31.1665, -4.6740</a>

# Details

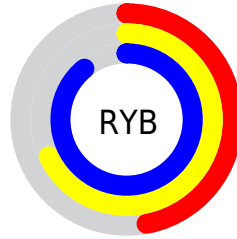
The HunterLab color  $79.9229, -31.1665, -4.6740$  is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be  $55.6414, 35.6741, 15.9737$ , and the grayscale version is  $73.5356, -3.9237, 3.9953$ .

A 20% lighter version of the original color is  $93.9807, -26.9542, -2.2470$ , and  $57.0870, -26.5151, -5.3023$  is the 20% darker color. If you saturate the color by 10%, you get  $79.0249, -34.6203, -5.8949$ , and if you desaturate by 10%, it is  $81.0495, -26.9077, -3.1643$ .

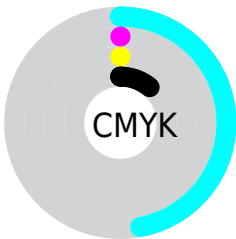
# Distribution



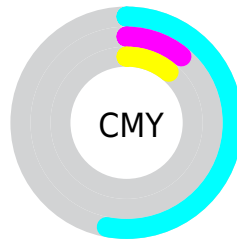
- Red (47%)
- Green (89%)
- Blue (89%)



- Red (47%)
- Yellow (68%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9229, -31.1665, -4.6740 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 79.9229, -31.1665, -4.6740 by changing the saturation by 10% instead.



79.9229, -31.1665,  
-4.6740

79.9229, -31.1665,  
-4.6740

209.4644,  
-49.5662, -0.7222

68.2296, -28.9549,  
-4.8976

105.0890,  
-35.4398, -4.0760

57.1684, -26.6738,  
-5.0678

118.5062,  
-37.5198, -3.7105

46.7794, -24.3037,  
-5.1784

132.4502,  
-39.5718, -3.3039

37.1094, -21.8158,  
-5.2230

146.9020,  
-41.6009, -2.8583

28.2163, -19.1669,  
-5.1938

161.8442,  
-43.6117, -2.3757

20.1752, -16.2875,  
-5.0815

177.2613,

13.0882, -13.1394,

-45.6076, -1.8578

-4.8764

193.1390,  
-47.5916, -1.3062

■ 6.5732, -11.5031,  
-5.7299

0.0000, NaN, NaN

■ 79.9229, -31.1665,  
-4.6740

■ 79.9229, -31.1665,  
-4.6740

■ 79.0249, -34.6203,  
-5.8949

■ 81.0495, -26.9077,  
-3.1643

■ 78.3414, -37.2739,  
-6.8334

■ 82.4058, -21.8576,  
-1.3741

■ 77.8596, -39.1597,  
-7.4999

■ 83.9956, -16.0505,  
0.6868

■ 77.5601, -40.3386,  
-7.9164

■ 85.8179, -9.5341,  
3.0021

■ 77.4150, -40.9118,  
-8.1187

■ 87.8696, -2.3666,  
5.5523

■ 77.3858, -41.0273,  
-8.1594

■ 90.0810, 5.1730,  
8.2386

■ 90.0810, 5.1731,  
8.2384

■ 90.0811, 5.1731,  
8.2382

■ 90.0811, 5.1732,  
8.2380

# Harmonies

## Analogous

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



79.9245, -31.6996, 10.4425



79.9229, -31.1665, -4.6740



79.9245, -23.7896, -19.8158

# Triad

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



79.9245, -31.1671, -4.6728



79.9245, 19.1971, -17.7594



79.9245, 2.5153, 27.6465

# Complementary

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



79.9229, -31.1665, -4.6740



55.6414, 35.6741, 15.9737

# 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.



79.9245, 17.3263, 22.7393



79.9229, -31.1665, -4.6740



79.9245, 27.4466, -2.2623

# Square

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



79.9245, -31.1671, -4.6728



79.9245, 4.9117, -28.3173



79.9245, 26.7366, 12.4308



79.9245, -13.0528, 27.2507

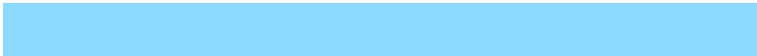


# Rectangle

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



79.9229, -31.1665, -4.6740



79.9245, -15.6346, -27.0188



79.9245, 26.7366, 12.4308



79.9245, 7.7698, 26.6095

# Sweetspot

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



79.9245, -31.1671, -4.6728



96.8745, -16.3858, 1.5044



77.3769, -46.4062, 33.2500



44.6173, -8.3059, 0.4385

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.9245, -31.1671, -4.6728



90.6629, -39.5122, -6.6938



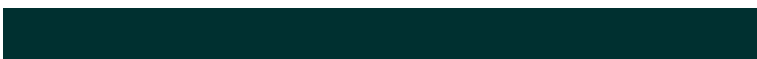
63.2893, -7.0798, -28.5327



39.4619, -5.2038, 1.1058



58.4496, -30.9879, -6.1629



15.3884, -8.1584, -1.6226



# Inverse Universe

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



55.6414, 35.6741, 15.9737



58.3669, 50.7463, 21.2219



68.3675, 9.2394, 26.8782



37.0143, 1.3280, 3.1180



30.3715, 52.0122, 19.6251

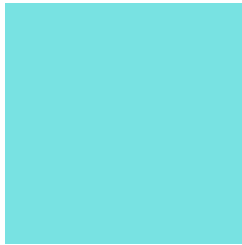


7.9961, 13.6936, 5.1667



# Previews

## White Background



This preview shows how the HunterLab color 79.9229, -31.1665, -4.6740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

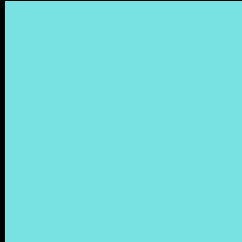
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.9229, -31.1665, -4.6740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

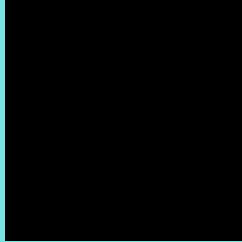
Any Text WCAG AA ✓ Pass

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 79.9229, -31.1665, -4.6740 Background



This preview shows how black text looks on a background with the HunterLab color 79.9229, -31.1665, -4.6740.



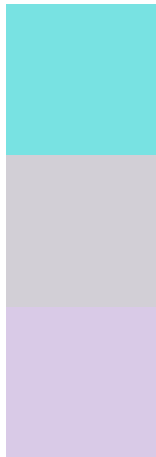
This preview shows how white text looks on a background with the HunterLab color 79.9229,

-31.1665, -4.6740.

# 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

79.9229, -31.1665, -4.6740

### Protanopia

79.4873, -2.0541, 1.4905

### Deuteranopia

79.2227, 5.9211, -7.6595



## Tritanopia

80.0513, -26.0565, -13.3468

# Trichromacy



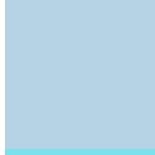
## Original Color

79.9229, -31.1665, -4.6740



## Protanomaly

79.0583, -14.5489, -1.2834



## Deuteranomaly

78.8611, -9.6035, -7.3063



## Tritanomaly

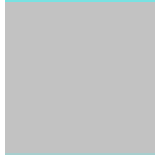
80.0734, -28.1468, -9.9113

# Monochromacy



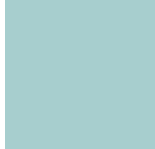
## Original Color

79.9229, -31.1665, -4.6740



## Achromatopsia

73.4493, -3.9191, 3.9906



## Achromatomaly

75.3753, -15.5163, 0.2429

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.9229, -31.1665, -4.6740 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(120, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(120, 226, 226)  
}
```

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(120, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 226, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.9229, -31.1665, -4.6740 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(120, 226, 226) }
```



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

```
.border{ border-color:rgb(120, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(120, 226,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.9229, -31.1665, -4.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 226, 226) }
```

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

```
.background{ background-color: rgb(120,  
226, 226) }
```

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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