

# Converting Colors

HunterLab(81.7098, -24.7991,  
-12.7682)

Have a look what the booklet for  
HunterLab(81.7098, -24.7991,  
-12.7682) contains.

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# Color

**HunterLab(81.7098,  
-24.7991, -12.7682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88E3F5
RGB	136, 227, 245
RGB Percent	53%, 89%, 96%
CMY	0.4666, 0.1098, 0.0392
CMYK	0.44, 0.07, 0.00, 0.04
HSL	190°, 84%, 75%
HSV	190°, 44%, 96%
XYZ	54.1038, 66.7649, 96.4215
YIQ	201.8430, -60.0140, -13.6940

# Conversions

## Conversions Part 2

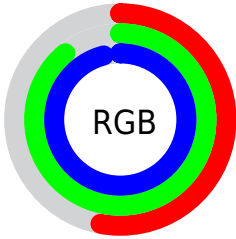
Format	Color
R <sub>Y</sub> B	136, 186, 245
Decimal	8971253
CIE Lab	85.39, -22.62, -17.26
CIE LCh	85, 28.454, 217.334
Yxy	66.7675, 0.2490, 0.3073
Android (android.graphics.Color)	4287161333 (0xFF88E3F5)
YUV	201.8430, 21.2764, -57.7443
Hunter-Lab	81.7098, -24.7991, -12.7682

# Details

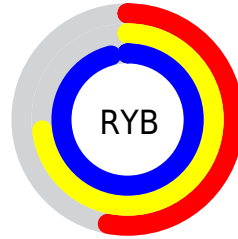
The HunterLab color **81.7098, -24.7991, -12.7682** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **66.5601, 27.4164, 20.7440**, and the grayscale version is **76.7168, -4.0934, 4.1682**.

A 20% lighter version of the original color is **94.9786, -23.2711, -0.9405**, and **58.6325, -20.9906, -12.9224** is the 20% darker color. If you saturate the color by 10%, you get **79.2199, -27.1515, -16.3146**, and if you desaturate by 10%, it is **84.4380, -21.6261, -9.0071**.

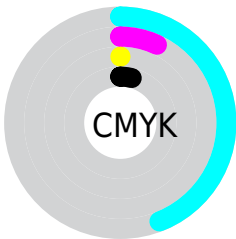
# Distribution



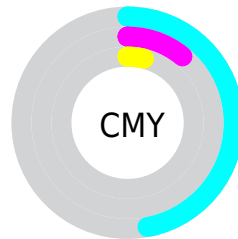
- Red (53%)
- Green (89%)
- Blue (96%)



- Red (53%)
- Yellow (73%)
- Blue (96%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7098, -24.7991, -12.7682 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 81.7098, -24.7991, -12.7682 by changing the saturation by 10% instead.



81.7098, -24.7991,  
-12.7682

81.7098, -24.7991,  
-12.7682

211.9237,  
-40.0971, -11.0697

69.9255, -23.0246,  
-12.7088

107.0454,  
-28.2723, -12.7146

58.7680, -21.2121,  
-12.5893

120.5421,  
-29.9823, -12.6111

48.2765, -19.3493,  
-12.4042

134.5626,  
-31.6807, -12.4599

38.4965, -17.4180,  
-12.1497

149.0882,  
-33.3709, -12.2636

29.4839, -15.3907,  
-11.8234

164.1018,  
-35.0556, -12.0245

21.3108, -13.2236,  
-11.4291

179.5881,

14.0742, -10.8396,

-36.7370, -11.7446

-10.9920

195.5330,  
-38.4170, -11.4258

■ 7.7221, -13.1790,  
-11.1677

0.0000, NaN, -NF

■ 81.7098, -24.7991,  
-12.7682

■ 81.7098, -24.7991,  
-12.7682

■ 79.2199, -27.1515,  
-16.3146

■ 84.4380, -21.6261,  
-9.0071

■ 76.9653, -28.6513,  
-19.6242

■ 87.3948, -17.6774,  
-5.0637

■ 74.9443, -29.2921,  
-22.6754

■ 90.5742, -13.0099,  
-0.9656

■ 73.1470, -29.0994,  
-25.4588

■ 93.9672, -7.6853,  
3.2603

71.5537, -28.1436,  
-27.9829

97.2192, -2.9547,  
7.1702

70.7379, -27.3860,  
-29.2978

98.4988, -5.0966,  
8.6056

99.6858, -7.0596,  
9.9219

# Harmonies

## Analogous

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



81.7114, -29.5245, 1.0909



81.7098, -24.7991, -12.7682



81.7114, -14.5398, -23.0710

# Triad

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



81.7114, -24.7997, -12.7669



81.7114, 22.1543, -6.1146



81.7114, -7.7921, 26.0936

# Complementary

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



81.7098, -24.7991, -12.7682



66.5601, 27.4164, 20.7440

# 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.



81.7114, 6.3349, 24.8259



81.7098, -24.7991, -12.7682



81.7114, 24.2646, 7.6680

# Square

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



81.7114, -24.7997, -12.7669



81.7114, 12.7147, -18.7991



81.7114, 18.3004, 18.5782



81.7114, -20.1464, 22.3929

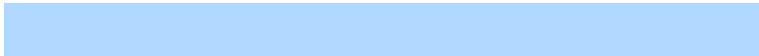


# Rectangle

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



81.7098, -24.7991, -12.7682



81.7114, -5.6202, -25.6942



81.7114, 18.3004, 18.5782



81.7114, -3.1007, 26.2220

# Sweetspot

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



81.7114, -24.7997, -12.7669



95.2906, -12.8423, -0.3723



85.3340, -47.8758, 30.9989



43.7329, -6.4801, -0.6189

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

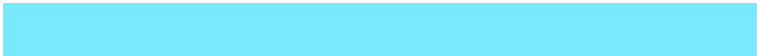


# Same Dimension

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



81.7114, -24.7997, -12.7669



83.2474, -28.1278, -16.5768



64.9298, 1.2903, -38.8517



42.7371, -4.8296, 0.5254



52.0882, -20.3241, -21.2318



15.8300, -6.5347, -5.6797



# Inverse Universe

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



65.2447, 50.8683, -24.9489



63.6569, 64.1403, -31.2339



81.0831, -0.1706, 32.9266



40.8883, 3.0493, -0.6929



35.8306, 68.0045, -28.3456

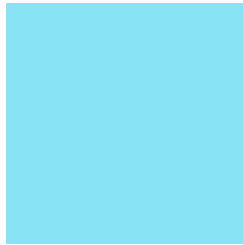


10.6799, 20.3632, -9.1727



# Previews

## White Background



This preview shows how the HunterLab color 81.7098, -24.7991, -12.7682 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

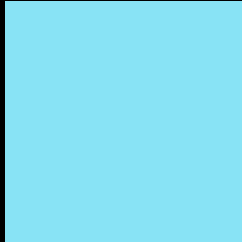
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.7098, -24.7991, -12.7682 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 81.7098, -24.7991, -12.7682 Background



This preview shows how black text looks on a background with the HunterLab color 81.7098, -24.7991, -12.7682.



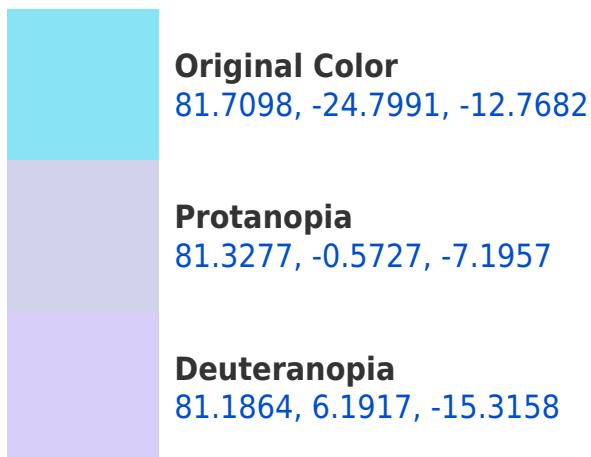
This preview shows how white text looks on a background with the HunterLab color 81.7098, -24.7991, -12.7682.

-24.7991, -12.7682.

# 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





## Tritanopia

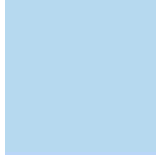
81.7098, -24.7991, -12.7682

# Trichromacy



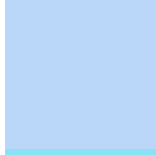
## Original Color

81.7098, -24.7991, -12.7682



## Protanomaly

81.1189, -10.6245, -9.8874



## Deuteranomaly

80.8143, -6.1612, -15.4643



## Tritanomaly

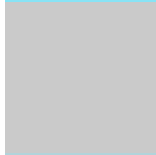
81.7098, -24.7991, -12.7682

# Monochromacy



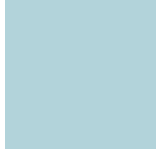
## Original Color

81.7098, -24.7991, -12.7682



## Achromatopsia

76.8517, -4.1006, 4.1755



## Achromatomaly

78.1764, -12.8044, -2.3575

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.7098, -24.7991, -12.7682 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(136, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(136, 227, 245)  
}
```

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(136, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 227, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.7098, -24.7991, -12.7682 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(136, 227, 245) }
```



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

```
.border{ border-color:rgb(136, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(136, 227,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.7098, -24.7991, -12.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 227, 245) }
```

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

```
.background{ background-color: rgb(136,  
227, 245) }
```

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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