

# Converting Colors

HunterLab(87.8150, -29.0492,  
0.2970)

Have a look what the booklet for  
HunterLab(87.8150, -29.0492,  
0.2970) contains.

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# Color

**HunterLab(87.7360,  
-28.9347, 0.4417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0F2EB
RGB	160, 242, 235
RGB Percent	63%, 95%, 92%
CMY	0.3725, 0.0510, 0.0784
CMYK	0.34, 0.00, 0.03, 0.05
HSL	175°, 76%, 79%
HSV	175°, 34%, 95%
XYZ	61.2448, 76.9761, 90.2272
YIQ	216.6840, -46.6250, -19.5610

# Conversions

## Conversions Part 2

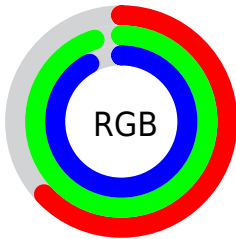
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 203, 242
Decimal	10547947
CIE Lab	90.31, -26.37, -4.56
CIE LCh	90, 26.764, 189.809
Yxy	76.9791, 0.2681, 0.3370
Android (android.graphics.Color)	4288738027 (0xFFA0F2EB)
YUV	216.6840, 9.0298, -49.7119
Hunter-Lab	87.7360, -28.9347, 0.4417

# Details

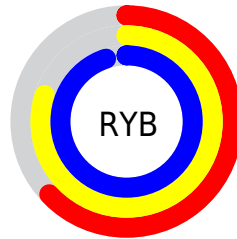
The HunterLab color **87.7360, -28.9347, 0.4417** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68.4187, 26.8023, 10.9445**, and the grayscale version is **83.1406, -4.4362, 4.5172**.

A 20% lighter version of the original color is **96.6911, -17.0454, 1.2697**, and **64.2772, -25.2736, -0.1740** is the 20% darker color. If you saturate the color by 10%, you get **86.3737, -34.2390, -0.2608**, and if you desaturate by 10%, it is **89.3537, -22.7931, 1.4620**.

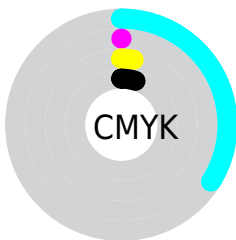
# Distribution



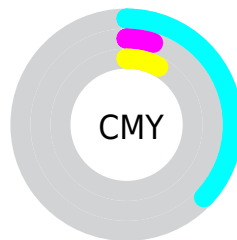
- Red (63%)
- Green (95%)
- Blue (92%)



- Red (63%)
- Yellow (80%)
- Blue (95%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7360, -28.9347, 0.4417 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 87.7360, -28.9347, 0.4417 by changing the saturation by 10% instead.



87.7360, -28.9347,  
0.4417

87.7360, -28.9347,  
0.4417

220.1574,  
-45.6053, 6.1623

75.6543, -26.9814,  
-0.0165

113.6266,  
-32.7475, 1.4806

64.1830, -24.9823,  
-0.4328

127.3838,  
-34.6184, 2.0542

53.3583, -22.9250,  
-0.8022

141.6554,  
-36.4727, 2.6619

43.2216, -20.7908,  
-1.1205

156.4233,  
-38.3141, 3.3020

33.8232, -18.5524,  
-1.3819

171.6716,  
-40.1457, 3.9733

25.2263, -16.1677,  
-1.5790

187.3854,

17.5141, -13.5668,

-41.9701, 4.6745

-1.7012

203.5515,  
-43.7894, 5.4045

■ 10.8030, -11.6141,  
-1.7332

■ 1.8585, -3.2524,  
-10.0681

■ 87.7360, -28.9347,  
0.4417

■ 87.7360, -28.9347,  
0.4417

■ 86.3737, -34.2390,  
-0.2608

■ 89.3537, -22.7931,  
1.4620

■ 85.2571, -38.6746,  
-0.6494

■ 91.2225, -15.8578,  
2.7895

■ 84.3793, -42.2366,  
-0.7307

■ 93.3419, -8.1895,  
4.4130

■ 83.7268, -44.9462,  
-0.5215

■ 95.5271, -0.4732,  
6.0946

■ 83.2805, -46.8558,  
-0.0483

■ 95.5929, -0.1160,  
5.1556

■ 83.0139, -48.0557,  
0.6514

■ 95.6594, 0.2447,  
4.2074

■ 82.9128, -48.5423,  
1.1551

■ 95.7266, 0.6089,  
3.2500

■ 95.7944, 0.9766,  
2.2833

■ 95.8630, 1.3478,  
1.3075

# Harmonies

## Analogous

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



87.7378, -27.8476, 12.9149



87.7360, -28.9347, 0.4417



87.7378, -23.8361, -12.6399

# Triad

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



87.7378, -28.9357, 0.4430



87.7378, 12.6442, -16.5010



87.7378, 4.4986, 25.0164

# Complementary

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



87.7360, -28.9347, 0.4417



68.4187, 26.8023, 10.9445

# 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.



87.7378, 16.2616, 19.2217



87.7360, -28.9347, 0.4417



87.7378, 21.1589, -4.2264

# Square

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



87.7378, -28.9357, 0.4430



87.7378, -0.1985, -23.3583



87.7378, 22.5215, 8.8984



87.7378, -9.0854, 25.8749

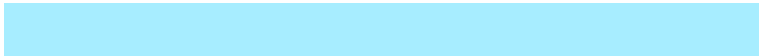


# Rectangle

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



87.7360, -28.9347, 0.4417



87.7378, -17.4207, -19.4897



87.7378, 22.5215, 8.8984



87.7378, 8.8188, 23.6283

# Sweetspot

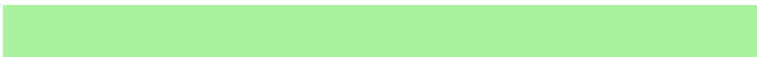
The Sweet Spot groups the original color and five complimentary colors.



87.7378, -28.9357, 0.4430



97.6427, -13.7789, 3.5883



86.2510, -38.5822, 29.6091



45.0305, -6.8965, 1.5514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

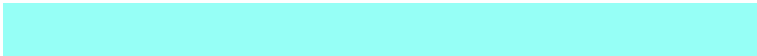


# Same Dimension

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



87.7378, -28.9357, 0.4430



92.0353, -34.8677, -0.1036



77.1921, -11.6584, -17.1638



42.3135, -5.7689, 1.5939



60.7777, -35.5278, 0.7276



17.5494, -10.1307, -0.0659



# Inverse Universe

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



68.4187, 26.8023, 10.9445



67.6261, 36.0900, 13.3940



77.1165, 8.5369, 22.0973



39.7250, 1.6009, 2.9597



31.9022, 54.7477, 19.7285

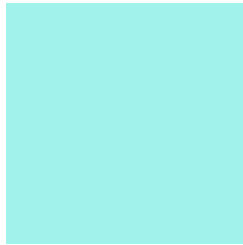


9.2419, 15.9407, 5.0913



# Previews

## White Background



This preview shows how the HunterLab color 87.7360, -28.9347, 0.4417 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

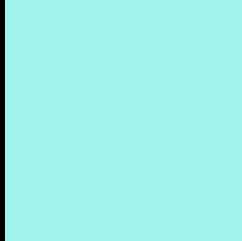
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7360, -28.9347, 0.4417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

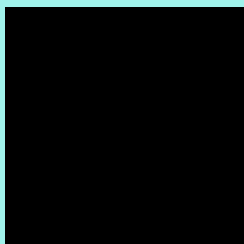
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

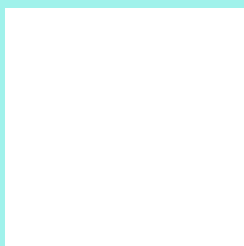
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.7360, -28.9347, 0.4417 Background



This preview shows how black text looks on a background with the HunterLab color 87.7360, -28.9347, 0.4417.



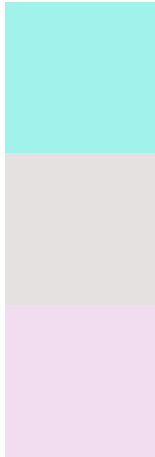
This preview shows how white text looks on a background with the HunterLab color 87.7360,

-28.9347, 0.4417.

# 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

87.7360, -28.9347, 0.4417

### Protanopia

87.2409, -3.0044, 5.2932

### Deuteranopia

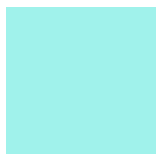
87.3813, 6.2949, -1.9818



## Tritanopia

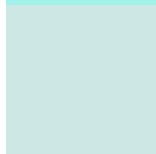
87.4980, -19.8097, -10.5386

# Trichromacy



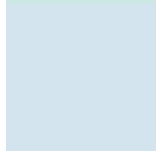
## Original Color

87.7360, -28.9347, 0.4417



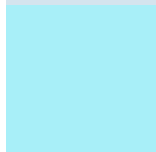
## Protanomaly

87.0564, -13.1358, 2.9282



## Deuteranomaly

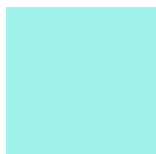
86.9810, -7.8927, -1.6783



## Tritanomaly

87.6557, -23.1543, -6.4611

# Monochromacy



## Original Color

87.7360, -28.9347, 0.4417



## Achromatopsia

83.2990, -4.4446, 4.5258



## Achromatomaly

84.5638, -14.1263, 2.4162

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7360, -28.9347, 0.4417 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(160, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 242, 235)  
}
```

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(160, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 242, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7360, -28.9347, 0.4417 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(160, 242, 235) }
```



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

```
.border{ border-color:rgb(160, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 242,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7360, -28.9347, 0.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 242, 235) }
```

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

```
.background{ background-color: rgb(160,  
242, 235) }
```

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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