

# Converting Colors

HunterLab(87.5863, 1.0115,  
-10.0550)

Have a look what the booklet for  
HunterLab(87.5863, 1.0115,  
-10.0550) contains.

<b>HunterLab(87.7027, 0.6231, -9.9051)</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(87.7027, 0.6231,  
-9.9051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E1FF
RGB	224, 225, 255
RGB Percent	88%, 88%, 100%
CMY	0.1216, 0.1176, 0.0000
CMYK	0.12, 0.12, 0.00, 0.00
HSL	238°, 100%, 94%
HSV	238°, 12%, 100%
XYZ	75.7156, 76.9176, 105.4636
YIQ	228.1210, -10.2260, 9.1180

# Conversions

## Conversions Part 2

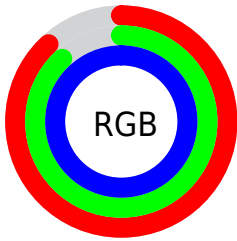
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 225, 255
Decimal	14737919
CIE <sub>Lab</sub>	90.29, 5.38, -14.63
CIE <sub>LCh</sub>	90, 15.592, 290.190
Yxy	76.9208, 0.2934, 0.2980
Android (android.graphics.Color)	4292927999 (0xFFE0E1FF)
YUV	228.1210, 13.2513, -3.6141
Hunter-Lab	87.7027, 0.6231, -9.9051

# Details

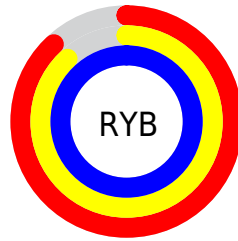
The HunterLab color  $87.7027, 0.6231, -9.9051$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $98.7541, -9.8976, 18.3382$ , and the grayscale version is  $88.0823, -4.6999, 4.7857$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.2353, 1.3264, -9.7083$  is the 20% darker color. If you saturate the color by 10%, you get  $77.9459, 6.0404, -23.8282$ , and if you desaturate by 10%, it is  $97.7878, -4.3211, 2.8189$ .

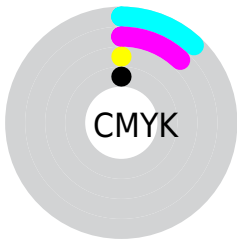
# Distribution



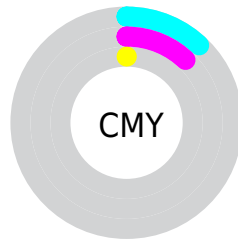
- Red (88%)
- Green (88%)
- Blue (100%)



- Red (88%)
- Yellow (88%)
- Blue (100%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7027, 0.6231, -9.9051 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 87.7027, 0.6231, -9.9051 by changing the saturation by 10% instead.



87.7027, 0.6231,  
-9.9051

87.7027, 0.6231,  
-9.9051

220.1122, -4.5851,  
-7.2612

75.6226, 1.0168,  
-9.9660

113.5903, -0.2945,  
-9.6190

64.1530, 1.3668,  
-9.9716

127.3461, -0.8094,  
-9.4049

53.3302, 1.6671,  
-9.9151

141.6163, -1.3595,  
-9.1464

43.1954, 1.9124,  
-9.7913

156.3830, -1.9431,  
-8.8459

33.7990, 2.0959,  
-9.5948

171.6300, -2.5588,  
-8.5053

25.2043, 2.2083,  
-9.3214

187.3426, -3.2051,

17.4947, 2.2360,

-8.1266

-8.9720

203.5074, -3.8809,  
-7.7114

■ 10.7864, 2.1574,  
-8.5713

■ 1.7767, 13.1037,  
-34.1474

■ 87.7027, 0.6231,  
-9.9051

■ 87.7027, 0.6231,  
-9.9051

■ 77.9459, 6.0404,  
-23.8282

■ 97.7878, -4.3211,  
2.8189

■ 68.5712, 12.0883,  
-39.3377

100.0000, -5.3358,  
5.4332

■ 59.6627, 18.9618,  
-56.9209

■ 51.3396, 26.8951,  
-77.1525

■ 43.7771, 36.0997,  
-100.5260

■ 37.2306, 46.5544,  
-126.9074

■ 32.0475, 57.5139,  
-154.2763

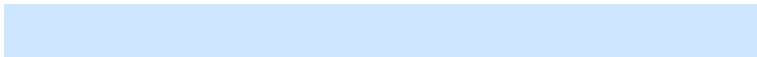
■ 28.6018, 66.9285,  
-177.3206

■ 27.2013, 71.4329,  
-188.2024

# Harmonies

## Analogous

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



87.7045, -7.2580, -10.6949



87.7027, 0.6231, -9.9051



87.7045, 7.2943, -4.9925

# Triad

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



87.7045, 0.6211, -9.9028



87.7045, 5.2564, 15.1663



87.7045, -19.1588, 7.2009

# Complementary

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



87.7027, 0.6231, -9.9051



98.7541, -9.8976, 18.3382

# 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.



87.7045, -16.0528, 13.5323



87.7027, 0.6231, -9.9051



87.7045, -2.0807, 17.8547

# Square

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



87.7045, 0.6211, -9.9028



87.7045, 10.0355, 9.6171



87.7045, -9.8667, 17.2842



87.7045, -18.4932, -0.3621



# Rectangle

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



87.7027, 0.6231, -9.9051



87.7045, 10.0722, -0.2667



87.7045, -9.8667, 17.2842



87.7045, -18.5255, 9.5322

# Sweetspot

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



87.7045, 0.6211, -9.9028



95.9062, -3.4400, 0.5495



97.2220, -15.2071, 2.4763



44.0168, -1.4235, -0.1784

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.7045, 0.6211, -9.9028



84.8939, 2.1080, -13.7260



88.7641, 5.7868, -8.3959



41.7993, -0.3380, -2.9728



19.7660, 51.1891, -135.2083



6.4195, 14.9229, -40.2381



# Inverse Universe

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



89.4477, 6.0812, 8.0041



87.0737, 8.8357, 8.6498



97.7348, -15.1885, 17.1759



42.4224, 1.6388, 3.4318



33.3502, 57.1539, 21.2349

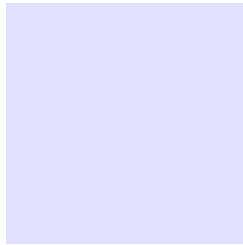


10.4218, 17.8911, 6.3981



# Previews

## White Background



This preview shows how the HunterLab color 87.7027, 0.6231, -9.9051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

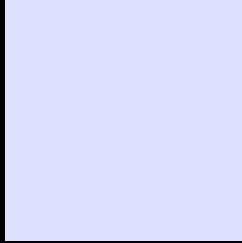
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7027, 0.6231, -9.9051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

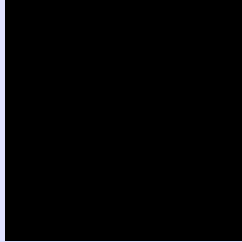
Any Text WCAG AA ✓ Pass

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 87.7027, 0.6231, -9.9051 Background



This preview shows how black text looks on a background with the HunterLab color 87.7027, 0.6231, -9.9051.



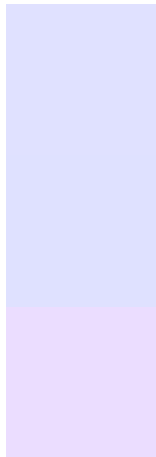
This preview shows how white text looks on a background with the HunterLab color 87.7027, 0.6231, -9.9051.

-9.9051.

# 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

87.7027, 0.6231, -9.9051

### Protanopia

87.6119, 0.3123, -10.0329

### Deuteranopia

87.5186, 6.2700, -10.0543



## Tritanopia

87.7840, -2.9985, -4.3063

# Trichromacy



## Original Color

87.7027, 0.6231, -9.9051

## Protanomaly

87.6119, 0.3123, -10.0329

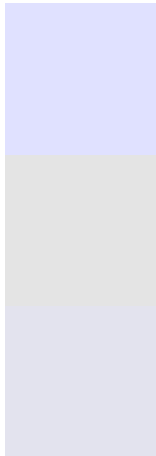
## Deuteranomaly

87.4365, 4.4379, -10.1971

## Tritanomaly

87.7042, -1.3948, -6.5684

# Monochromacy



## Original Color

87.7027, 0.6231, -9.9051

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

88.0012, -2.7249, -0.3199

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7027, 0.6231, -9.9051 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(224, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 255)  
}
```

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(224, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7027, 0.6231, -9.9051 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(224, 225, 255) }
```



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

```
.border{ border-color:rgb(224, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7027, 0.6231, -9.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 255) }
```

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

```
.background{ background-color: rgb(224,  
225, 255) }
```

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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