

Converting Colors

HunterLab(87.7171, 5.6166,
-9.7983)

Have a look what the booklet for
HunterLab(87.7171, 5.6166, -9.7983)
contains.

HunterLab(87.7240, 5.4062, -9.7928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.7240, 5.4062,
-9.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	EADEFF
RGB	234, 222, 255
RGB Percent	92%, 87%, 100%
CMY	0.0823, 0.1294, 0.0000
CMYK	0.08, 0.13, 0.00, 0.00
HSL	262°, 100%, 94%
HSV	262°, 13%, 100%
XYZ	78.1030, 76.9550, 105.3451
YIQ	229.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

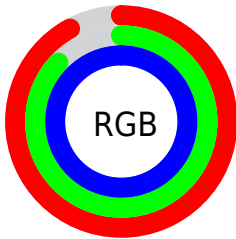
Format	Color
R_{YB}	234, 222, 255
Decimal	15392511
CIE _{Lab}	90.30, 10.13, -14.53
CIE _{LCh}	90, 17.712, 304.878
Yxy	76.9582, 0.2999, 0.2955
Android (android.graphics.Color)	4293582591 (0xFFEAEDEFF)
YUV	229.3500, 12.6455, 4.0781
Hunter-Lab	87.7240, 5.4062, -9.7928

Details

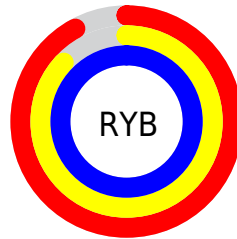
The HunterLab color $87.7240, 5.4062, -9.7928$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97.9028, -14.6976, 18.2162$, and the grayscale version is $88.6198, -4.7285, 4.8149$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.1714, 5.5623, -9.7226$ is the 20% darker color. If you saturate the color by 10%, you get $78.6122, 13.9936, -22.6685$, and if you desaturate by 10%, it is $97.1687, -2.9279, 2.0963$.

Distribution



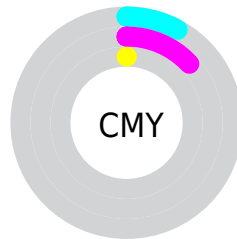
- Red (92%)
- Green (87%)
- Blue (100%)



- Red (92%)
- Yellow (87%)
- Blue (100%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7240, 5.4062, -9.7928 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 87.7240, 5.4062, -9.7928 by changing the saturation by 10% instead.

87.7240, 5.4062,
-9.7928

87.7240, 5.4062,
-9.7928

220.1412, 1.8153,
-7.1180

75.6429, 5.5850,
-9.8575

113.6136, 4.8914,
-9.4991

64.1722, 5.7098,
-9.8671

127.3703, 4.5668,
-9.2815

53.3482, 5.7726,
-9.8146

141.6413, 4.2005,
-9.0195

43.2122, 5.7662,
-9.6948

156.4088, 3.7948,
-8.7155

33.8145, 5.6808,
-9.5025

171.6566, 3.3517,
-8.3716

25.2184, 5.5030,
-9.2330

187.3701, 2.8731,

17.5071, 5.2140,

-7.9897

-8.8870

203.5357, 2.3605,
-7.5713

■ 10.7970, 4.7844,
-8.4883

■ 1.8295, 24.0252,
-32.9089

■ 87.7240, 5.4062,
-9.7928

■ 87.7240, 5.4062,
-9.7928

■ 78.6122, 13.9936,
-22.6685

■ 97.1687, -2.9279,
2.0963

■ 69.8864, 22.8973,
-36.7985

100.0000, -5.3358,
5.4332

■ 61.6274, 32.1570,
-52.4821

■ 53.9435, 41.7592,
-70.0138

■ 46.9833, 51.5434,
-89.5359

■ 40.9441, 61.0310,
-110.7008

■ 36.0648, 69.2052,
-132.0992

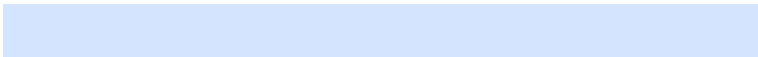
■ 32.5673, 74.5260,
-150.8642

■ 30.8745, 76.2578,
-161.3205

Harmonies

Analogous

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



87.7258, -3.2129, -13.2099



87.7240, 5.4062, -9.7928



87.7258, 11.4949, -2.4852

Triad

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



87.7258, 5.4040, -9.7904



87.7258, 2.7629, 18.3781



87.7258, -21.2290, 3.3674

Complementary

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



87.7240, 5.4062, -9.7928



97.9028, -14.6976, 18.2162

Split Complementary

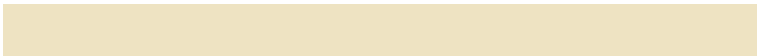
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7258, -19.7721, 11.4636



87.7240, 5.4062, -9.7928



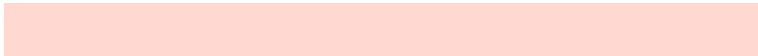
87.7258, -6.1485, 19.6098

Square

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



87.7258, 5.4040, -9.7904



87.7258, 9.9276, 13.6547



87.7258, -14.3387, 17.2050



87.7258, -18.4007, -5.1421

Rectangle

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



87.7240, 5.4062, -9.7928



87.7258, 13.1757, 3.2967



87.7258, -14.3387, 17.2050



87.7258, -21.2230, 6.2283

Sweetspot

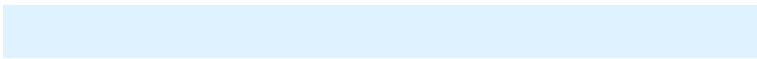
The Sweet Spot groups the original color and five complimentary colors.



87.7258, 5.4040, -9.7904



96.1527, -2.0545, 0.8755



93.3394, -9.6619, -2.7495



44.1523, -0.6633, 0.0021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7258, 5.4040, -9.7904



84.8988, 8.0032, -13.6159



89.3302, 10.7526, -7.5598



42.0704, 1.1641, -2.5944



22.4890, 55.2879, -115.5039



7.4270, 17.6646, -33.5387

Inverse Universe

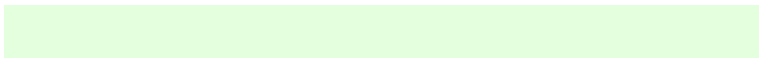
The Inverse Universe completely reimagines the original color for something new.



89.4297, 10.2441, -0.9330



87.0377, 13.9864, -2.3675



96.4975, -19.7597, 16.6522



42.6400, 2.8080, 0.3296



35.3650, 64.5167, -7.7912



11.1299, 20.4719, -3.7508

Previews

White Background



This preview shows how the HunterLab color 87.7240, 5.4062, -9.7928 looks on a white background.

Color Contrast Check

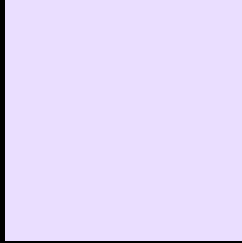
Large Text (above 18pt) WCAG AA × Fail

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 87.7240, 5.4062, -9.7928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

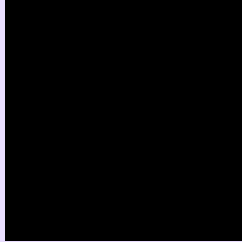
Any Text WCAG AA ✓ Pass

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 87.7240, 5.4062, -9.7928 Background



This preview shows how black text looks on a background with the HunterLab color 87.7240, 5.4062, -9.7928.



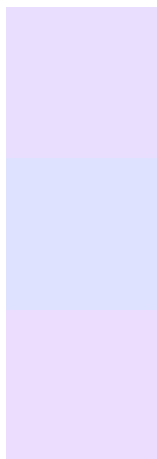
This preview shows how white text looks on a background with the HunterLab color 87.7240, 5.4062, -9.7928.

-9.7928.

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

87.7240, 5.4062, -9.7928

Protanopia

87.9208, -0.2177, -9.6268

Deuteranopia

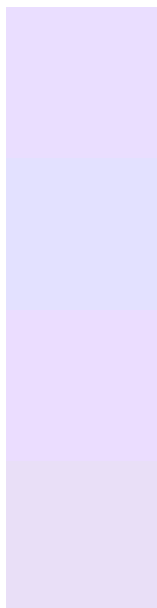
87.6161, 6.5967, -9.9172



Tritanopia

87.6801, 1.2029, -2.7554

Trichromacy



Original Color

87.7240, 5.4062, -9.7928

Protanomaly

87.9780, 1.5625, -9.5189

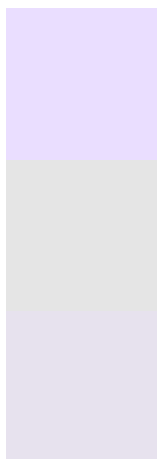
Deuteranomaly

87.5186, 6.2700, -10.0543

Tritanomaly

87.6438, 2.9984, -5.4698

Monochromacy



Original Color

87.7240, 5.4062, -9.7928

Achromatopsia

88.5177, -4.7231, 4.8093

Achromatomaly

88.0651, -0.9122, -0.2092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7240, 5.4062, -9.7928 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(234, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 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(234, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7240, 5.4062, -9.7928 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(234, 222, 255) }
```


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

```
.border{ border-color:rgb(234, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7240, 5.4062, -9.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 255) }
```

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

```
.background{ background-color: rgb(234,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor