

# Converting Colors

HunterLab(90.1685, 10.3630,  
-43.7311)

Have a look what the booklet for  
HunterLab(90.1685, 10.3630,  
-43.7311) contains.

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# Color

**HunterLab(87.6983, -2.5798,  
-9.9672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E3FF
RGB	217, 227, 255
RGB Percent	85%, 89%, 100%
CMY	0.1490, 0.1098, 0.0000
CMYK	0.15, 0.11, 0.00, 0.00
HSL	224°, 100%, 93%
HSV	224°, 15%, 100%
XYZ	74.1344, 76.9099, 105.5456
YIQ	227.2020, -14.9480, 6.5880

# Conversions

## Conversions Part 2

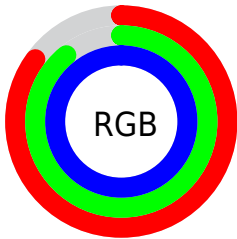
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 225, 255
Decimal	14279679
CIE Lab	90.28, 2.15, -14.69
CIE LCh	90, 14.848, 278.317
Yxy	76.9130, 0.2889, 0.2997
Android (android.graphics.Color)	4292469759 (0xFFD9E3FF)
YUV	227.2020, 13.7044, -8.9472
Hunter-Lab	87.6983, -2.5798, -9.9672

# Details

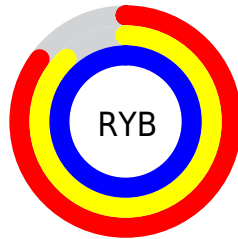
The HunterLab color  $87.6983, -2.5798, -9.9672$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $95.6939, -6.2699, 18.1826$ , and the grayscale version is  $87.6808, -4.6784, 4.7639$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.2368, -1.6914, -9.7590$  is the 20% darker color. If you saturate the color by 10%, you get  $79.7368, -0.1377, -21.2166$ , and if you desaturate by 10%, it is  $95.9018, -4.5320, 0.5249$ .

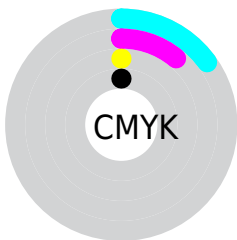
# Distribution



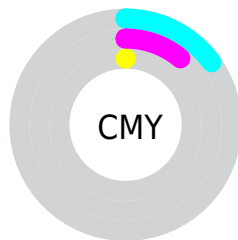
- Red (85%)
- Green (89%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6983, -2.5798, -9.9672 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 87.6983, -2.5798, -9.9672 by changing the saturation by 10% instead.



87.6983, -2.5798,  
-9.9672

87.6983, -2.5798,  
-9.9672

220.1062, -8.9051,  
-7.3400

75.6184, -2.0368,  
-10.0259

113.5855, -3.7767,  
-9.6850

64.1490, -1.5299,  
-10.0294

127.3411, -4.4231,  
-9.4729

53.3264, -1.0638,  
-9.9707

141.6111, -5.1002,  
-9.2163

43.1919, -0.6419,  
-9.8446

156.3776, -5.8066,  
-8.9176

33.7958, -0.2687,  
-9.6460

171.6244, -6.5413,  
-8.5789

25.2014, 0.0498,  
-9.3704

187.3369, -7.3032,

17.4921, 0.3053,

-8.2019

-9.0191

203.5016, -8.0914,  
-7.7885

■ 10.7842, 0.4845,  
-8.6175

■ 1.7655, 5.2063,  
-34.5072

■ 87.6983, -2.5798,  
-9.9672

■ 87.6983, -2.5798,  
-9.9672

■ 79.7368, -0.1377,  
-21.2166

■ 95.9018, -4.5320,  
0.5249

■ 72.0471, 2.9152,  
-33.4098

100.0000, -5.3358,  
5.4332

■ 64.6764, 6.7218,  
-46.7577

■ 57.6842, 11.4593,  
-61.4961

■ 51.1493, 17.3286,  
-77.8437

■ 45.1754, 24.5198,  
-95.9009

■ 39.8940, 33.1172,  
-115.4427

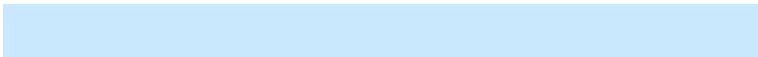
■ 35.4575, 42.9094,  
-135.5979

■ 33.5401, 48.0890,  
-145.7324

# Harmonies

## Analogous

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



87.7001, -9.9657, -9.0018



87.6983, -2.5798, -9.9672



87.7001, 4.4671, -6.7251

# Triad

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



87.7001, -2.5817, -9.9648



87.7001, 6.9579, 12.8850



87.7001, -17.7269, 9.7079

# Complementary

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



87.6983, -2.5798, -9.9672



95.6939, -6.2699, 18.1826

# Split Complementary

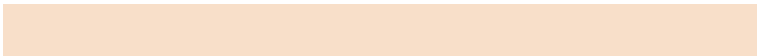
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7001, -13.4749, 14.8997



87.6983, -2.5798, -9.9672



87.7001, 0.7254, 16.6235

# Square

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



87.7001, -2.5817, -9.9648



87.7001, 10.0950, 6.7412



87.7001, -6.7670, 17.3287



87.7001, -18.5451, 2.7597



# Rectangle

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



87.6983, -2.5798, -9.9672



87.7001, 7.9696, -2.7665



87.7001, -6.7670, 17.3287



87.7001, -16.6589, 11.6988

# Sweetspot

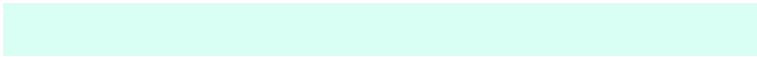
The Sweet Spot groups the original color and five complimentary colors.



87.7001, -2.5817, -9.9648



96.6515, -4.6867, 1.4379



96.3621, -18.8919, 5.9605



44.4258, -2.1086, 0.3127

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.7001, -2.5817, -9.9648



85.2053, -1.8819, -13.3626



85.4368, 5.4803, -12.9126



42.6089, -1.7068, -1.9521



24.6646, 33.4556, -103.0496



8.7263, 7.5448, -27.1941



# Inverse Universe

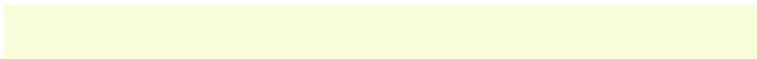
The Inverse Universe completely reimagines the original color for something new.



87.4262, 10.1773, 4.7625



84.9354, 13.4814, 4.7317



98.0545, -14.4249, 20.4737



42.5036, 2.0759, 2.2720



33.6780, 58.3673, 16.3926

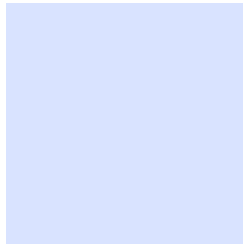


10.5897, 18.5109, 3.9302



# Previews

## White Background



This preview shows how the HunterLab color 87.6983, -2.5798, -9.9672 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

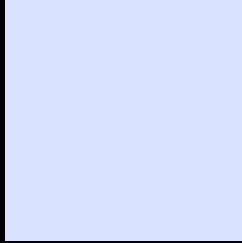
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.6983, -2.5798, -9.9672 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

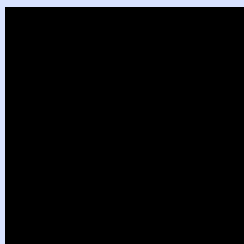
Any Text WCAG AA ✓ Pass

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 87.6983, -2.5798, -9.9672 Background



This preview shows how black text looks on a background with the HunterLab color 87.6983, -2.5798, -9.9672.



This preview shows how white text looks on a background with the HunterLab color 87.6983, -2.5798, -9.9672.

-9.9672.

# 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

87.6983, -2.5798, -9.9672

### Protanopia

87.5752, 0.1135, -9.5158

### Deuteranopia

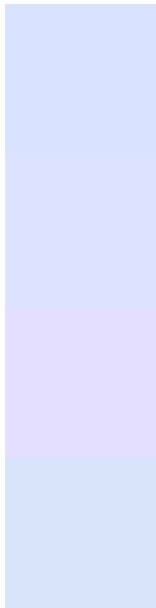
87.5186, 6.2700, -10.0543



## Tritanopia

87.5496, -5.2808, -5.7369

# Trichromacy



## Original Color

87.6983, -2.5798, -9.9672

## Protanomaly

87.7044, -1.0336, -9.3628

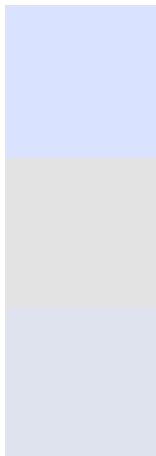
## Deuteranomaly

87.4582, 2.9452, -10.1940

## Tritanomaly

87.7427, -4.3956, -7.1246

# Monochromacy



## Original Color

87.6983, -2.5798, -9.9672

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.6017, -4.1757, -0.3202

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.6983, -2.5798, -9.9672 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(217, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 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(217, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.6983, -2.5798, -9.9672 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(217, 227, 255) }
```



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

```
.border{ border-color:rgb(217, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.6983, -2.5798, -9.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 255) }
```

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

```
.background{ background-color: rgb(217,  
227, 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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