

# Converting Colors

HunterLab(35.1605, 74.4244,  
-87.4406)

Have a look what the booklet for  
HunterLab(35.1605, 74.4244,  
-87.4406) contains.

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# Color

**HunterLab(35.1862, 74.4948,  
-87.6295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F00D9
RGB	159, 0, 217
RGB Percent	62%, 0%, 85%
CMY	0.3765, 1.0000, 0.1490
CMYK	0.27, 1.00, 0.00, 0.15
HSL	284°, 100%, 43%
HSV	284°, 100%, 85%
XYZ	26.8225, 12.3807, 66.6216
YIQ	72.2790, 25.1070, 101.1950

# Conversions

## Conversions Part 2

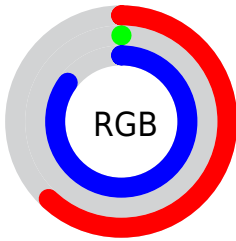
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 0, 217
Decimal	10420441
CIE <sub>Lab</sub>	41.82, 78.76, -70.11
CIE <sub>LCh</sub>	42, 105.444, 318.325
Yxy	12.3811, 0.2535, 0.1170
Android (android.graphics.Color)	4288610521 (0xFF9F00D9)
YUV	72.2790, 71.3475, 76.0543
Hunter-Lab	35.1862, 74.4948, -87.6295

# Details

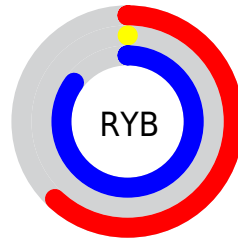
The HunterLab color **35.1862, 74.4948, -87.6295** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **71.0813, -57.6993, 42.7897**, and the grayscale version is **25.3056, -1.3502, 1.3749**.

A 20% lighter version of the original color is **53.6443, 74.1997, -70.2103**, and **22.9838, 50.5558, -71.9335** is the 20% darker color. If you saturate the color by 10%, you get **35.1863, 74.4951, -87.6293**, and if you desaturate by 10%, it is **36.8112, 72.7208, -81.7766**.

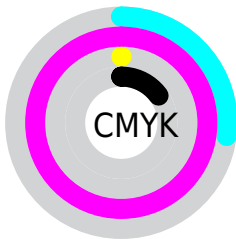
# Distribution



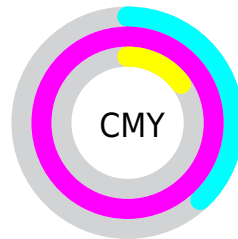
- Red (62%)
- Green (0%)
- Blue (85%)



- Red (62%)
- Yellow (0%)
- Blue (85%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.1862, 74.4948, -87.6295 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 35.1862, 74.4948, -87.6295 by changing the saturation by 10% instead.



35.1862, 74.4948,  
-87.6295

35.1862, 74.4948,  
-87.6295

143.8445, 94.4685,  
-91.8233

26.4647, 72.2362,  
-89.7231

54.9430, 79.3567,  
-86.7326

18.6131, 70.4630,  
-94.3721

65.8674, 81.7604,  
-87.0590

11.7421, 70.0696,  
-104.8891

77.4328, 84.0951,  
-87.6357

4.4832, 106.0985,  
-181.3533

89.6056, 86.3471,  
-88.3633

0.0000, INF, -NF

0.0000, NaN, -NF

102.3569, 88.5106,  
-89.1798

0.0000, NaN, -NF

115.6614, 90.5845,

0.0000, NaN, NaN

-90.0450

129.4972, 92.5697,  
-90.9322

■ 35.1862, 74.4948,  
-87.6295

■ 35.1862, 74.4948,  
-87.6295

■ 35.1863, 74.4951,  
-87.6293

■ 36.8112, 72.7208,  
-81.7766

■ 39.2182, 68.4189,  
-73.8796

■ 42.5203, 61.6739,  
-64.2556

■ 46.6527, 53.2536,  
-53.7487

■ 51.5110, 43.8936,  
-43.0502

■ 56.9854, 34.1286,  
-32.5891

■ 62.9768, 24.2844,  
-22.5717

■ 69.4023, 14.5326,  
-13.0612

■ 76.1949, 4.9482,  
-4.0439

# Harmonies

## Analogous

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



35.1868, 25.2566, -158.2283



35.1862, 74.4948, -87.6295



35.1868, 107.3286, -16.0163

# Triad

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



35.1868, 74.4946, -87.6276



35.1868, 14.8047, 24.6308



35.1868, -48.7892, -29.1231

# Complementary

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



35.1862, 74.4948, -87.6295



71.0813, -57.6993, 42.7897

# 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.



35.1868, -49.5866, 13.6024



35.1862, 74.4948, -87.6295



35.1868, -22.6760, 24.6308

# Square

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



35.1868, 74.4946, -87.6276



35.1868, 64.0093, 24.6308



35.1868, -42.4766, 24.3968



35.1868, -39.4184, -105.6738



# Rectangle

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



35.1862, 74.4948, -87.6295



35.1868, 108.8716, 10.8359



35.1868, -42.4766, 24.3968



35.1868, -49.8484, -10.2027

# Sweetspot

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



35.1868, 74.4946, -87.6276



75.3965, 29.4798, -27.4222



28.9822, 36.8580, -115.7903



33.4371, 15.9632, -15.0236

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



35.1868, 74.4946, -87.6276



42.1487, 89.3103, -105.5480



42.0162, 78.8591, -26.3841



36.1811, 2.0877, -1.6793



27.4751, 58.0894, -67.8067



7.2824, 15.1691, -16.2071



# Inverse Universe

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



38.8039, 67.2393, 18.9707



46.5610, 80.6376, 23.1066



70.5913, -59.4931, 40.1958



36.2055, 1.7102, 1.9177



30.2157, 52.4072, 14.3939



7.7829, 13.6779, 2.3195



# Previews

## White Background



This preview shows how the HunterLab color 35.1862, 74.4948, -87.6295 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

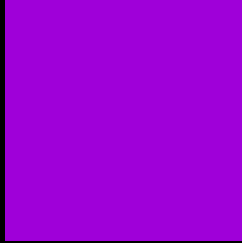
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 35.1862, 74.4948, -87.6295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

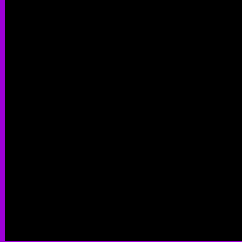
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 35.1862, 74.4948, -87.6295 Background



This preview shows how black text looks on a background with the HunterLab color 35.1862, 74.4948, -87.6295.



This preview shows how white text looks on a background with the HunterLab color 35.1862, 74.4948, -87.6295.

-87.6295.

# 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

35.1862, 74.4948, -87.6295

### Protanopia

35.9961, 12.8486, -72.7284

### Deuteranopia

35.9372, 1.1152, -47.3257



## Tritanopia

35.6950, 16.4664, 5.8434

# Trichromacy



## Original Color

35.1862, 74.4948, -87.6295

## Protanomaly

29.9136, 37.0168, -100.4792

## Deuteranomaly

29.3287, 29.0584, -82.2330

## Tritanomaly

32.4892, 40.3274, -22.4644

# Monochromacy



## Original Color

35.1862, 74.4948, -87.6295

## Achromatopsia

25.4565, -1.3583, 1.3831

## Achromatomaly

25.2541, 29.2263, -29.4777

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.1862, 74.4948, -87.6295 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(159, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 217)  
}
```

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(159, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.1862, 74.4948, -87.6295 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(159, 0, 217) }
```



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

```
.border{ border-color:rgb(159, 0, 217) }
```

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

Here you see how a box with a 4 pixel rgb(159, 0, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(159, 0,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.1862, 74.4948, -87.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 217) }
```

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

```
.background{ background-color: rgb(159, 0,  
217) }
```

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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