

# Converting Colors

HunterLab(24.6396, 49.3117,  
-39.2433)

Have a look what the booklet for  
HunterLab(24.6396, 49.3117,  
-39.2433) contains.

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# Color

**HunterLab(24.5649, 49.1890,  
-39.3259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C0087
RGB	124, 0, 135
RGB Percent	49%, 0%, 53%
CMY	0.5137, 1.0000, 0.4706
CMYK	0.08, 1.00, 0.00, 0.47
HSL	295°, 100%, 26%
HSV	295°, 100%, 53%
XYZ	12.6853, 6.0343, 23.4178
YIQ	52.4660, 30.5690, 68.2730

# Conversions

## Conversions Part 2

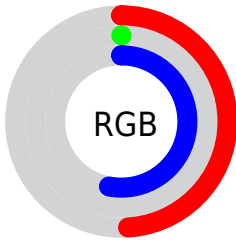
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 0, 135
Decimal	8126599
CIE <sub>Lab</sub>	29.50, 59.40, -41.38
CIE <sub>LCh</sub>	29, 72.395, 325.138
Yxy	6.0346, 0.3010, 0.1432
Android (android.graphics.Color)	4286316679 (0xFF7C0087)
YUV	52.4660, 40.6893, 62.7353
Hunter-Lab	24.5649, 49.1890, -39.3259

# Details

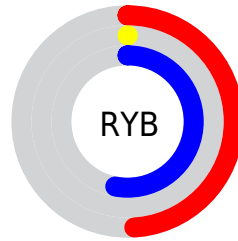
The HunterLab color **24.5649, 49.1890, -39.3259** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **41.7123, -35.3295, 25.0841**, and the grayscale version is **18.5495, -0.9898, 1.0078**.

A 20% lighter version of the original color is **42.4407, 53.2719, -40.1733**, and **13.9362, 28.4591, -26.5980** is the 20% darker color. If you saturate the color by 10%, you get **24.5650, 49.1891, -39.3258**, and if you desaturate by 10%, it is **25.3335, 47.2356, -37.2082**.

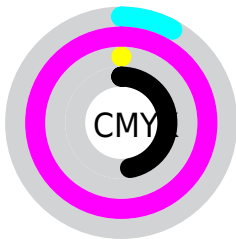
# Distribution



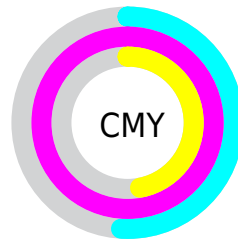
- Red (49%)
- Green (0%)
- Blue (53%)



- Red (49%)
- Yellow (0%)
- Blue (53%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5649, 49.1890, -39.3259 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 24.5649, 49.1890, -39.3259 by changing the saturation by 10% instead.



■ 24.5649, 49.1890,  
-39.3259

■ 24.5649, 49.1890,  
-39.3259

■ 126.2467, 65.4836,  
-44.5603

■ 16.9297, 47.2141,  
-39.6103

■ 42.4298, 53.4032,  
-40.1821

■ 10.3066, 45.8836,  
-41.4576

■ 52.5086, 55.4260,  
-40.8351

0.0000, INF, -NF

■ 63.2789, 57.3519,  
-41.5182

0.0000, NaN, -NF

■ 74.6991, 59.1750,  
-42.1951

0.0000, NaN, NaN

■ 86.7340, 60.8958,  
-42.8461

0.0000, NaN, NaN

■ 99.3536, 62.5178,

0.0000, NaN, NaN

0.0000, NaN, NaN

-43.4607

112.5321, 64.0455,  
-44.0331

24.5649, 49.1890,  
-39.3259

24.5649, 49.1890,  
-39.3259

24.5650, 49.1891,  
-39.3258

25.3335, 47.2356,  
-37.2082

26.4280, 44.2514,  
-34.3642

27.9937, 39.9398,  
-30.5988

30.0145, 34.6313,  
-26.1781

32.4510, 28.6912,  
-21.3810

■ 35.2545, 22.4273,  
-16.4328

■ 38.3755, 16.0577,  
-11.4861

■ 41.7689, 9.7167,  
-6.6290

■ 45.3960, 3.4770,  
-1.9035

# Harmonies

## Analogous

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



24.5654, 21.5297, -80.8625



24.5649, 49.1890, -39.3259



24.5654, 63.6648, -2.6824

# Triad

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



24.5654, 49.1880, -39.3246



24.5654, 2.7231, 17.1958



24.5654, -30.6873, -25.5813

# Complementary

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



24.5649, 49.1890, -39.3259



41.7123, -35.3295, 25.0841

# 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.



24.5654, -32.4591, 4.7747



24.5649, 49.1890, -39.3259



24.5654, -18.0048, 17.1958

# Square

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



24.5654, 49.1880, -39.3246



24.5654, 31.0274, 17.1958



24.5654, -28.8705, 15.5960



24.5654, -22.5187, -68.8538



# Rectangle

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



24.5649, 49.1890, -39.3259



24.5654, 61.0014, 10.2617



24.5654, -28.8705, 15.5960



24.5654, -31.8749, -13.1140

# Sweetspot

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



24.5654, 49.1880, -39.3246



51.0593, 22.0663, -15.8165



14.1231, 32.1081, -86.9629



23.8163, 12.1267, -8.7779



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223



# Same Dimension

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



24.5654, 49.1880, -39.3246



32.8232, 65.7543, -52.7709



23.8998, 43.2743, -2.7495



21.7809, 1.3967, -0.7113



23.5948, 47.2431, -37.7470



1.4388, 2.8524, -2.0809



# Inverse Universe

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



22.7492, 39.0631, 13.8761



30.4252, 52.2113, 18.8288



41.9715, -33.5404, 19.9441



21.6666, 0.6959, 1.5849



21.8472, 37.5204, 13.2927



1.3004, 2.2620, 0.5689



# Previews

## White Background



This preview shows how the HunterLab color 24.5649, 49.1890, -39.3259 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 ✓ Pass



# Black Background



This preview shows how the HunterLab color 24.5649, 49.1890, -39.3259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

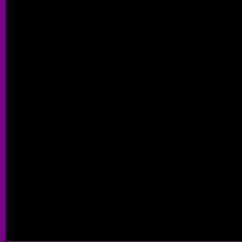
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 24.5649, 49.1890, -39.3259 Background



This preview shows how black text looks on a background with the HunterLab color 24.5649, 49.1890, -39.3259.



This preview shows how white text looks on a background with the HunterLab color 24.5649, 49.1890, -39.3259.

-39.3259.

# 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

24.5649, 49.1890, -39.3259

### Protanopia

25.5312, 8.0040, -49.1902

### Deuteranopia

25.8394, 1.4687, -30.1239



## Tritanopia

25.4685, 19.0817, 7.0163

# Trichromacy



## Original Color

24.5649, 49.1890, -39.3259

## Protanomaly

21.0186, 22.4820, -59.9586

## Deuteranomaly

21.6829, 20.4685, -44.0290

## Tritanomaly

23.7728, 31.1025, -6.2412

# Monochromacy



## Original Color

24.5649, 49.1890, -39.3259

## Achromatopsia

18.5310, -0.9888, 1.0068

## Achromatomaly

18.2116, 19.1830, -14.4308

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.5649, 49.1890, -39.3259 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(124, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 135)  
}
```

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(124, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.5649, 49.1890, -39.3259 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(124, 0, 135) }
```



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

```
.border{ border-color:rgb(124, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 0,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 24.5649, 49.1890, -39.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 135) }
```

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

```
.background{ background-color: rgb(124, 0,  
135) }
```

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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