

# Converting Colors

HunterLab(41.8343, 23.5990,  
-26.3051)

Have a look what the booklet for  
HunterLab(41.8343, 23.5990,  
-26.3051) contains.

<b>HunterLab(41.8349, 23.5807, -26.3113)</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(41.8349, 23.5807,  
-26.3113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E63A8
RGB	142, 99, 168
RGB Percent	56%, 39%, 66%
CMY	0.4431, 0.6118, 0.3412
CMYK	0.15, 0.41, 0.00, 0.34
HSL	277°, 28%, 52%
HSV	277°, 41%, 66%
XYZ	22.6850, 17.5016, 39.2282
YIQ	119.7230, 3.4790, 30.5750

# Conversions

## Conversions Part 2

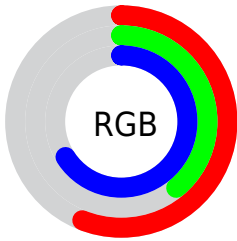
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 99, 168
Decimal	9331624
CIE <sub>Lab</sub>	48.89, 30.47, -30.44
CIE <sub>LCh</sub>	49, 43.067, 315.026
Yxy	17.5023, 0.2857, 0.2204
Android (android.graphics.Color)	4287521704 (0xFF8E63A8)
YUV	119.7230, 23.8006, 19.5369
Hunter-Lab	41.8349, 23.5807, -26.3113

# Details

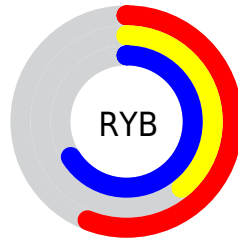
The HunterLab color  $41.8349, 23.5807, -26.3113$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $57.6771, -24.4536, 22.9770$ , and the grayscale version is  $43.1413, -2.3019, 2.3440$ .

A 20% lighter version of the original color is  $62.7146, 25.1942, -26.9143$ , and  $24.0879, 21.2245, -25.4553$  is the 20% darker color. If you saturate the color by 10%, you get  $37.5488, 30.3191, -34.8279$ , and if you desaturate by 10%, it is  $46.4752, 16.8515, -18.3280$ .

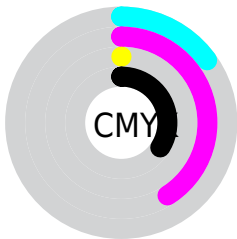
# Distribution



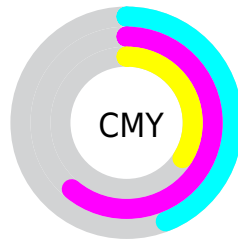
- Red (56%)
- Green (39%)
- Blue (66%)



- Red (56%)
- Yellow (39%)
- Blue (66%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (61%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8349, 23.5807, -26.3113 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 41.8349, 23.5807, -26.3113 by changing the saturation by 10% instead.



41.8349, 23.5807,  
-26.3113

41.8349, 23.5807,  
-26.3113

154.2889, 29.2571,  
-29.6913

32.5473, 22.4605,  
-25.7247

62.5999, 25.4578,  
-27.4150

24.0708, 21.2044,  
-25.1825

73.9813, 26.2400,  
-27.8994

16.4932, 19.8061,  
-24.8270

85.9794, 26.9309,  
-28.3306

9.9373, 18.3009,  
-25.0873

98.5640, 27.5384,  
-28.7075

0.0000, INF, -NF

0.0000, NaN, -NF

111.7089, 28.0694,  
-29.0306

0.0000, NaN, NaN

125.3913, 28.5296,

0.0000, NaN, NaN

-29.3011

0.0000, NaN, NaN

139.5906, 28.9241,  
-29.5208

■ 41.8349, 23.5807,  
-26.3113

■ 41.8349, 23.5807,  
-26.3113

■ 37.5488, 30.3191,  
-34.8279

■ 46.4752, 16.8515,  
-18.3280

■ 33.6868, 36.8850,  
-43.7988

■ 51.4091, 10.2197,  
-10.8682

■ 30.3355, 42.9403,  
-52.9612

■ 56.5916, 3.7142,  
-3.8759

■ 27.5851, 47.9632,  
-61.7874

■ 61.9873, -2.6637,  
2.7156

■ 25.5075, 51.3227,  
-69.4940

■ 67.5680, -8.9257,  
8.9715

■ 24.1082, 53.0127,  
-75.3247

■ 73.3116, -15.0881,  
14.9496

■ 79.2004, -21.1682,  
20.6995

■ 85.2199, -27.1822,  
26.2623

■ 91.3584, -33.1443,  
31.6721

# Harmonies

## Analogous

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



41.8358, 6.6103, -40.4355



41.8349, 23.5807, -26.3113



41.8358, 34.3864, -6.6099

# Triad

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



41.8358, 23.5798, -26.3101



41.8358, 6.5788, 22.5924



41.8358, -29.4259, -6.6434

# Complementary

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



41.8349, 23.5807, -26.3113



57.6771, -24.4536, 22.9770

# 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.



41.8358, -29.4315, 9.5612



41.8349, 23.5807, -26.3113



41.8358, -10.4005, 22.5895

# Square

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



41.8358, 23.5798, -26.3101



41.8358, 23.5536, 18.8790



41.8358, -22.9952, 18.8683



41.8358, -22.9783, -26.3429



# Rectangle

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



41.8349, 23.5807, -26.3113



41.8358, 35.6945, 4.9189



41.8358, -22.9952, 18.8683



41.8358, -30.1430, -0.5487

# Sweetspot

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



41.8358, 23.5798, -26.3101



75.4152, 6.0026, -6.2755



45.0132, -1.0303, -21.0769



34.8021, 3.3017, -3.4591



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



41.8358, 23.5798, -26.3101



51.2299, 39.7855, -45.5377



44.4808, 30.3140, -16.3606



27.4286, 1.2242, -1.2743



21.0215, 46.1557, -65.1421



3.6789, 7.7122, -8.5674



# Inverse Universe

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



43.2780, 24.5403, 0.5160



53.7943, 41.1609, 0.9697



56.3213, -29.4546, 19.5309



27.5451, 1.3292, 1.1130



25.6310, 44.9975, 8.0067



4.1207, 7.4656, -0.5062



# Previews

## White Background



This preview shows how the HunterLab color 41.8349, 23.5807, -26.3113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

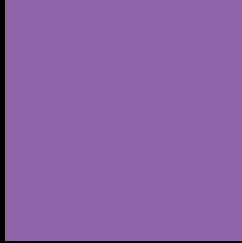
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 41.8349, 23.5807, -26.3113 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

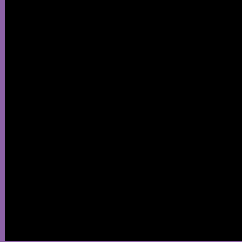
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# HunterLab 41.8349, 23.5807, -26.3113 Background



This preview shows how black text looks on a background with the HunterLab color 41.8349, 23.5807, -26.3113.



This preview shows how white text looks on a background with the HunterLab color 41.8349, 23.5807, -26.3113.

-26.3113.

# 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

41.8349, 23.5807, -26.3113

### Protanopia

42.0073, 6.2520, -35.7076

### Deuteranopia

41.9890, 3.3279, -24.3331



## Tritanopia

41.8667, 6.3652, 1.6371

# Trichromacy



## Original Color

41.8349, 23.5807, -26.3113

## Protanomaly

41.6976, 11.5136, -32.5084

## Deuteranomaly

41.6357, 10.4025, -25.5357

## Tritanomaly

41.7181, 12.2018, -7.1834

# Monochromacy



## Original Color

41.8349, 23.5807, -26.3113

## Achromatopsia

43.3383, -2.3124, 2.3547

## Achromatomaly

42.4072, 6.6529, -6.8414

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.8349, 23.5807, -26.3113 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(142, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 99, 168)  
}
```

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(142, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 99, 168) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.8349, 23.5807, -26.3113 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(142, 99, 168) }
```



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

```
.border{ border-color:rgb(142, 99, 168) }
```

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

Here you see how a box with a 4 pixel rgb(142, 99, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 99, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 99, 168);  
box-shadow:4px 4px 4px 4px rgb(142, 99,  
168) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.8349, 23.5807, -26.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 99, 168) }
```

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

```
.background{ background-color: rgb(142, 99,  
168) }
```

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