

# Converting Colors

HunterLab(26.2254, 35.5275,  
-24.8445)

Have a look what the booklet for  
HunterLab(26.2254, 35.5275,  
-24.8445) contains.

<b>HunterLab(26.2979, 35.5480, -24.6847)</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(26.2979, 35.5480,  
-24.6847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78287A
RGB	120, 40, 122
RGB Percent	47%, 16%, 48%
CMY	0.5294, 0.8431, 0.5216
CMYK	0.02, 0.67, 0.00, 0.52
HSL	299°, 51%, 32%
HSV	299°, 67%, 48%
XYZ	12.0174, 6.9158, 19.1139
YIQ	73.2680, 21.3580, 42.4620

# Conversions

## Conversions Part 2

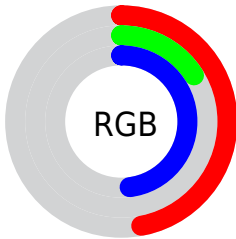
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 40, 122
Decimal	7874682
CIE <sub>Lab</sub>	31.62, 45.72, -29.89
CIE <sub>LCh</sub>	32, 54.622, 326.824
Yxy	6.9161, 0.3159, 0.1818
Android (android.graphics.Color)	4286064762 (0xFF78287A)
YUV	73.2680, 24.0249, 40.9840
Hunter-Lab	26.2979, 35.5480, -24.6847

# Details

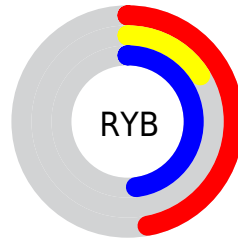
The HunterLab color  $[26.2979, 35.5480, -24.6847]$  is a dark color, and the websafe version is hex  $660066$ . A complement of this color would be  $[38.1637, -27.9768, 19.9073]$ , and the grayscale version is  $[25.8200, -1.3777, 1.4028]$ .

A 20% lighter version of the original color is  $[44.5684, 39.1308, -25.8063]$ , and  $[13.0766, 26.0726, -20.0654]$  is the 20% darker color. If you saturate the color by 10%, you get  $[24.8963, 39.8021, -27.8111]$ , and if you desaturate by 10%, it is  $[28.0959, 30.4838, -21.0091]$ .

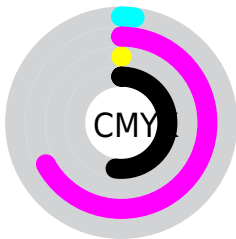
# Distribution



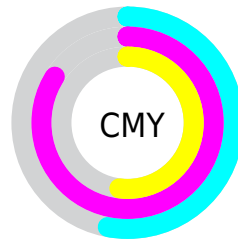
- Red (47%)
- Green (16%)
- Blue (48%)



- Red (47%)
- Yellow (16%)
- Blue (48%)



- Cyan (2%)
- Magenta (67%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (84%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2979, 35.5480, -24.6847 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 26.2979, 35.5480, -24.6847 by changing the saturation by 10% instead.



26.2979, 35.5480,  
-24.6847

26.2979, 35.5480,  
-24.6847

129.2148, 47.7952,  
-28.6304

18.4653, 33.6901,  
-24.2403

44.5020, 39.0191,  
-25.8257

11.6154, 31.9245,  
-24.2109

54.7309, 40.5837,  
-26.3786

4.2286, 50.3775,  
-38.8008

65.6420, 42.0338,  
-26.8873

0.0000, INF, -NF

0.0000, NaN, NaN

77.1950, 43.3754,  
-27.3443

0.0000, NaN, NaN

89.3559, 44.6156,  
-27.7467

0.0000, NaN, NaN

0.0000, NaN, NaN

102.0958, 45.7615,

-28.0945

0.0000, NaN, NaN

115.3895, 46.8194,  
-28.3886

■ 26.2979, 35.5480,  
-24.6847

■ 26.2979, 35.5480,  
-24.6847

■ 24.8963, 39.8021,  
-27.8111

■ 28.0959, 30.4838,  
-21.0091

■ 23.9057, 42.9580,  
-30.1833

■ 30.2547, 24.9200,  
-17.0038

■ 23.2565, 45.0528,  
-31.8214

■ 32.7336, 19.1108,  
-12.8455

■ 23.0844, 45.6195,  
-32.2675

■ 35.4909, 13.2366,  
-8.6583

■ 38.4884, 7.4093,  
-4.5177

■ 41.6928, 1.6888,  
-0.4633

■ 45.0760, -3.8987,  
3.4889

■ 48.6149, -9.3480,  
7.3370

■ 52.2901, -14.6652,  
11.0869

# Harmonies

## Analogous

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



26.2985, 16.6781, -50.3198



26.2979, 35.5480, -24.6847



26.2985, 44.4531, -0.5163

# Triad

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



26.2985, 35.5469, -24.6836



26.2985, 0.5986, 18.4089



26.2985, -26.2425, -18.9107

# Complementary

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



26.2979, 35.5480, -24.6847



38.1637, -27.9768, 19.9073

# 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.



26.2985, -28.3590, 3.2409



26.2979, 35.5480, -24.6847



26.2985, -15.6264, 17.5004

# Square

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



26.2985, 35.5469, -24.6836



26.2985, 21.0661, 17.0233



26.2985, -25.0725, 14.0432



26.2985, -18.1973, -45.6597



# Rectangle

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



26.2979, 35.5480, -24.6847



26.2985, 42.1186, 9.4720



26.2985, -25.0725, 14.0432



26.2985, -27.5545, -10.3864

# Sweetspot

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



26.2985, 35.5469, -24.6836



49.7173, 12.3437, -7.7783



18.8812, 16.5188, -45.8943



23.3447, 6.7316, -4.3084



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



26.2985, 35.5469, -24.6836



32.2008, 55.3949, -38.8320



25.0826, 29.9381, -3.7181



20.1811, 1.3477, -0.5945



23.6852, 46.8075, -33.1120



51.6748, 102.1506, -72.4667



# Inverse Universe

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



24.1301, 25.8504, 9.9385



28.8452, 41.4915, 15.5187



38.6319, -25.0065, 12.2274



20.0412, 0.5715, 1.5809



20.8875, 35.8025, 13.2492



45.5994, 78.1200, 29.2359



# Previews

## White Background



This preview shows how the HunterLab color 26.2979, 35.5480, -24.6847 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 26.2979, 35.5480, -24.6847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

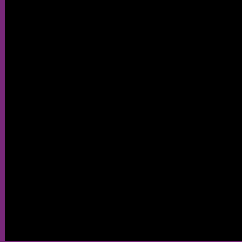
Any Text WCAG AA × Fail

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 26.2979, 35.5480, -24.6847 Background



This preview shows how black text looks on a background with the HunterLab color 26.2979, 35.5480, -24.6847.



This preview shows how white text looks on a background with the HunterLab color 26.2979, 35.5480,

-24.6847.

# 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

26.2979, 35.5480, -24.6847

### Protanopia

26.7865, 8.7398, -50.0474

### Deuteranopia

26.6558, 1.8616, -20.2940



## Tritanopia

26.4528, 16.2685, 6.0447

# Trichromacy



## Original Color

26.2979, 35.5480, -24.6847

## Protanomaly

24.6470, 15.3312, -46.1055

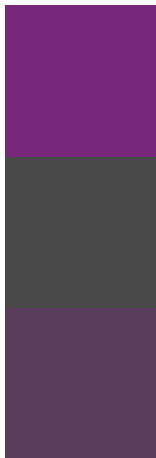
## Deuteranomaly

25.3289, 13.5827, -24.2750

## Tritanomaly

26.0942, 22.9510, -2.5768

# Monochromacy



## Original Color

26.2979, 35.5480, -24.6847

## Achromatopsia

25.8120, -1.3773, 1.4024

## Achromatomaly

25.0329, 11.6223, -7.8135

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2979, 35.5480, -24.6847 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(120, 40, 122)` looks like.

```
.text, #text, p{  
    color:rgb(120, 40, 122)  
}
```

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(120, 40, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 40, 122) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2979, 35.5480, -24.6847 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(120, 40, 122) }
```



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

```
.border{ border-color:rgb(120, 40, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 40, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 40, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 40, 122);  
box-shadow:4px 4px 4px 4px rgb(120, 40,  
122) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2979, 35.5480, -24.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 40, 122) }
```

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

```
.background{ background-color: rgb(120, 40,  
122) }
```

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