

# Converting Colors

HunterLab(42.9249, 77.4359,  
-2.6936)

Have a look what the booklet for  
HunterLab(42.9249, 77.4359,  
-2.6936) contains.

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# Color

**HunterLab(42.8386, 77.3154,  
-2.9616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E50085
RGB	229, 0, 133
RGB Percent	90%, 0%, 52%
CMY	0.1020, 0.9998, 0.4784
CMYK	0.00, 1.00, 0.42, 0.10
HSL	325°, 100%, 45%
HSV	325°, 100%, 90%
XYZ	36.5467, 18.3515, 23.8063
YIQ	83.6330, 93.7910, 89.9110

# Conversions

## Conversions Part 2

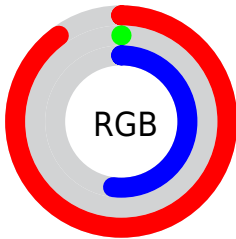
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 0, 133
Decimal	15007877
CIE <sub>Lab</sub>	49.92, 79.45, -6.83
CIE <sub>LCh</sub>	50, 79.739, 355.086
Yxy	18.3525, 0.4643, 0.2332
Android (android.graphics.Color)	4293197957 (0xFFE50085)
YUV	83.6330, 24.3379, 127.4869
Hunter-Lab	42.8386, 77.3154, -2.9616

# Details

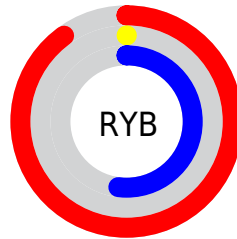
The HunterLab color **42.8386, 77.3154, -2.9616** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **75.4217, -60.6712, 36.7036**, and the grayscale version is **29.5417, -1.5763, 1.6051**.

A 20% lighter version of the original color is **57.2805, 68.3654, -11.5912**, and **29.7583, 53.1130, 2.5557** is the 20% darker color. If you saturate the color by 10%, you get **42.8379, 77.3130, -2.9522**, and if you desaturate by 10%, it is **43.8633, 76.0322, -6.5535**.

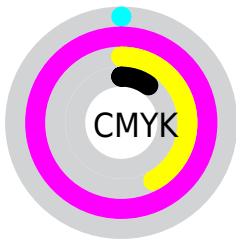
# Distribution



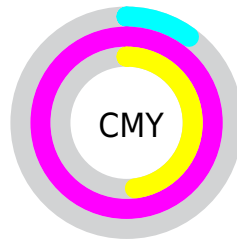
- Red (90%)
- Green (0%)
- Blue (52%)



- Red (90%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8386, 77.3154, -2.9616 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 42.8386, 77.3154, -2.9616 by changing the saturation by 10% instead.



42.8386, 77.3154,  
-2.9616

42.8386, 77.3154,  
-2.9616

155.8366, 96.9572,  
0.6173

33.4714, 74.9032,  
-3.1037

63.7472, 82.1946,  
-2.4893

24.9074, 72.7081,  
-3.1754

75.1940, 84.5598,  
-2.1738

17.2319, 71.1235,  
-3.1638

87.2541, 86.8454,  
-1.8106

10.5630, 71.2909,  
-3.0541

99.8978, 89.0439,  
-1.4032

0.0000, INF, -NF

0.0000, INF, NaN

113.0993, 91.1532,  
-0.9544

0.0000, NaN, NaN

126.8360, 93.1738,

0.0000, NaN, NaN

-0.4668

0.0000, NaN, NaN

141.0878, 95.1076,  
0.0578

■ 42.8386, 77.3154,  
-2.9616

■ 42.8386, 77.3154,  
-2.9616

■ 42.8379, 77.3130,  
-2.9522

■ 43.8633, 76.0322,  
-6.5535

■ 45.6880, 72.2929,  
-9.2452

■ 48.4616, 65.9516,  
-10.6936

■ 52.1609, 57.5785,  
-10.8770

■ 56.7042, 47.8828,  
-9.9364

■ 61.9855, 37.4809,  
-8.0819

■ 67.8978, 26.8094,  
-5.5233

■ 74.3452, 16.1340,  
-2.4365

■ 81.2461, 5.5955,  
1.0434

# Harmonies

## Analogous

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



42.8398, 60.3202, -46.1517



42.8386, 77.3154, -2.9616



42.8398, 68.4081, 20.3978

# Triad

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



42.8398, 77.3110, -2.9602



42.8398, -25.2667, 28.6474



42.8398, -31.9861, -78.1248

# Complementary

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



42.8386, 77.3154, -2.9616



75.4217, -60.6712, 36.7036

# 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.



42.8398, -44.8144, -30.4154



42.8386, 77.3154, -2.9616



42.8398, -41.8035, 24.0602

# Square

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



42.8398, 77.3110, -2.9602



42.8398, 3.0807, 29.3468



42.8398, -47.7960, 7.0246



42.8398, -7.4049, -105.6450



# Rectangle

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



42.8386, 77.3154, -2.9616



42.8398, 50.0402, 26.4647



42.8398, -47.7960, 7.0246



42.8398, -37.4962, -62.7604

# Sweetspot

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



42.8398, 77.3110, -2.9602



76.5661, 30.5281, -6.3038



28.4869, 68.6331, -135.5293



34.0780, 16.4956, -3.5197

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.8398, 77.3110, -2.9602



48.3741, 87.2671, -3.0430



40.8736, 70.1066, 25.5114



38.0889, 2.3572, 0.5758



32.4295, 58.5967, -2.7677



8.9196, 16.3041, -2.2130



# Inverse Universe

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



42.8398, 77.3110, -2.9602



48.3741, 87.2671, -3.0430



77.9025, -45.4947, 0.8410



38.0889, 2.3572, 0.5758



32.4295, 58.5967, -2.7677



8.9196, 16.3041, -2.2130



# Previews

## White Background



This preview shows how the HunterLab color 42.8386, 77.3154, -2.9616 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 42.8386, 77.3154, -2.9616 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 42.8386, 77.3154, -2.9616 Background



This preview shows how black text looks on a background with the HunterLab color 42.8386, 77.3154, -2.9616.



This preview shows how white text looks on a background with the HunterLab color 42.8386, 77.3154, -2.9616.

-2.9616.

# 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

42.8386, 77.3154, -2.9616

### Protanopia

43.6413, 7.0532, -39.9495

### Deuteranopia

43.5637, 2.8301, 1.3897



## Tritanopia

43.3821, 59.8230, 23.0094

# Trichromacy



## Original Color

42.8386, 77.3154, -2.9616



## Protanomaly

36.9935, 36.2381, -37.5218



## Deuteranomaly

38.2692, 36.6508, -6.8846



## Tritanomaly

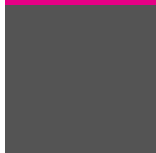
42.3525, 67.0622, 15.8151

# Monochromacy



## Original Color

42.8386, 77.3154, -2.9616



## Achromatopsia

29.7751, -1.5887, 1.6177



## Achromatomaly

29.7050, 32.0707, -6.2244

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8386, 77.3154, -2.9616 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(229, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 133)  
}
```

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(229, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8386, 77.3154, -2.9616 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(229, 0, 133) }
```



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

```
.border{ border-color:rgb(229, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8386, 77.3154, -2.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 133) }
```

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

```
.background{ background-color: rgb(229, 0,  
133) }
```

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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