

# Converting Colors

HunterLab(61.8952, 75.7973,  
-39.3690)

Have a look what the booklet for  
HunterLab(61.8952, 75.7973,  
-39.3690) contains.

<b>HunterLab(61.0342, 73.9836, -41.1780)</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(61.0342, 73.9836,  
-41.1780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF67F0
RGB	255, 103, 240
RGB Percent	100%, 40%, 94%
CMY	0.0000, 0.5961, 0.0588
CMYK	0.00, 0.60, 0.06, 0.00
HSL	306°, 100%, 70%
HSV	306°, 60%, 100%
XYZ	61.8184, 37.2517, 86.3702
YIQ	164.0660, 46.6150, 74.8310

# Conversions

## Conversions Part 2

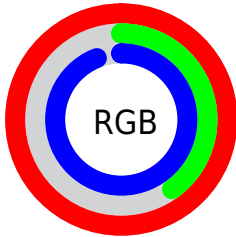
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 103, 240</a>
Decimal	<a href="#">16738288</a>
<a href="#">CIELab</a>	<a href="#">67.47, 73.44, -41.23</a>
<a href="#">CIElCh</a>	<a href="#">67, 84.223, 330.689</a>
<a href="#">Yxy</a>	<a href="#">37.2532, 0.3334, 0.2009</a>
Android ( <code>android.graphics.Color</code> )	<a href="#">4294928368</a> ( <code>0xFFFF67F0</code> )
<a href="#">YUV</a>	<a href="#">164.0660, 37.4355, 79.7491</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.0342, 73.9836, -41.1780</a>

# Details

The HunterLab color  $61.0342, 73.9836, -41.1780$  is a light color, and the websafe version is hex  $FF66FF$ . A complement of this color would be  $87.0127, -60.7280, 40.8735$ , and the grayscale version is  $60.7955, -3.2439, 3.3031$ .

A 20% lighter version of the original color is  $73.4641, 46.4651, -30.2725$ , and  $40.4279, 69.2792, -39.5773$  is the 20% darker color. If you saturate the color by 10%, you get  $57.2554, 84.6351, -46.5903$ , and if you desaturate by 10%, it is  $65.7821, 61.6125, -34.4681$ .

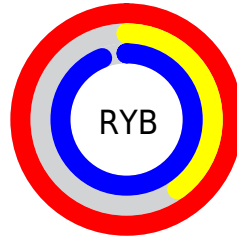
# Distribution



Red (100%)

Green (40%)

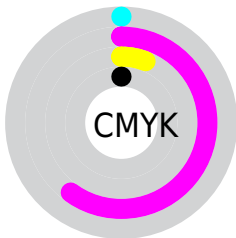
Blue (94%)



Red (100%)

Yellow (40%)

Blue (94%)

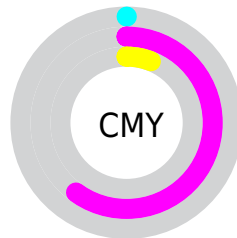


Cyan (0%)

Magenta (60%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0342, 73.9836, -41.1780 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 61.0342, 73.9836, -41.1780 by changing the saturation by 10% instead.



61.0342, 73.9836,  
-41.1780

61.0342, 73.9836,  
-41.1780

182.8676, 90.9261,  
-45.9114

50.4020, 71.6670,  
-40.4963

84.2390, 78.3701,  
-42.5097

40.4698, 69.3094,  
-39.8558

96.7420, 80.4289,  
-43.1296

31.2922, 66.9749,  
-39.3351

109.8088, 82.3951,  
-43.7080

22.9375, 64.8194,  
-39.1047

123.4161, 84.2705,  
-44.2415

15.4964, 63.2396,  
-39.5769

137.5432, 86.0578,  
-44.7286

9.0917, 63.5355,  
-42.0231

152.1716, 87.7605,

0.0000, INF, -NF

-45.1690

0.0000, NaN, -NF

167.2848, 89.3821,  
-45.5630

■ 61.0342, 73.9836,  
-41.1780

■ 61.0342, 73.9836,  
-41.1780

■ 57.2554, 84.6351,  
-46.5903

■ 65.7821, 61.6125,  
-34.4681

■ 54.5096, 92.7668,  
-50.2510

■ 71.3920, 48.2917,  
-26.9279

■ 52.7952, 97.7904,  
-51.8694

■ 77.7517, 34.5916,  
-18.9256

■ 51.9532, 99.8527,  
-51.6187

■ 84.7540, 20.8817,  
-10.7171

■ 51.9268, 99.9104,  
-51.5939

■ 92.3047, 7.3686,  
-2.4604

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



61.0354, 38.4686, -91.1361



61.0342, 73.9836, -41.1780



61.0354, 87.8111, 4.1481

# Triad

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



61.0354, 73.9803, -41.1762



61.0354, -4.1318, 39.9129



61.0354, -54.0547, -43.5829

# Complementary

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



61.0342, 73.9836, -41.1780



87.0127, -60.7280, 40.8735

# 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.



61.0354, -60.2856, 2.4848



61.0342, 73.9836, -41.1780



61.0354, -36.1190, 37.8961

# Square

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



61.0354, 73.9803, -41.1762



61.0354, 36.5791, 38.0984



61.0354, -54.6105, 28.4135



61.0354, -34.9385, -93.0243



# Rectangle

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



61.0342, 73.9836, -41.1780



61.0354, 80.7635, 23.0583



61.0354, -54.6105, 28.4135



61.0354, -57.4830, -26.5209

# Sweetspot

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



61.0354, 73.9803, -41.1762



85.9312, 18.6960, -9.3921



45.4011, 38.7330, -94.8958



38.7731, 10.4848, -5.4562

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.0354, 73.9803, -41.1762



56.5022, 86.8407, -47.6419



58.0754, 61.2835, -0.1382



42.7407, 3.3468, -1.0999



37.5524, 72.2798, -37.5172



11.7543, 22.6818, -12.1893



# Inverse Universe

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



61.0354, 73.9803, -41.1762



56.5022, 86.8407, -47.6419



88.4280, -52.1396, 20.2679



42.7407, 3.3468, -1.0999



37.5524, 72.2798, -37.5172



11.7543, 22.6818, -12.1893



# Previews

## White Background



This preview shows how the HunterLab color 61.0342, 73.9836, -41.1780 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

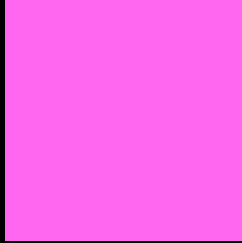
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.0342, 73.9836, -41.1780 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

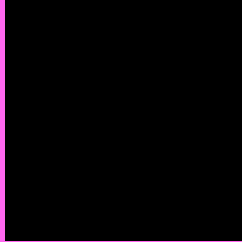
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# HunterLab 61.0342, 73.9836, -41.1780 Background



This preview shows how black text looks on a background with the HunterLab color 61.0342, 73.9836, -41.1780.



This preview shows how white text looks on a background with the HunterLab color 61.0342, 73.9836, -41.1780.

-41.1780.

# 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

61.0342, 73.9836, -41.1780

### Protanopia

61.4230, 8.8216, -53.3195

### Deuteranopia

61.3664, 4.6991, -34.4339



## Tritanopia

60.8789, 39.9208, 14.4236

# Trichromacy



## Original Color

61.0342, 73.9836, -41.1780



## Protanomaly

59.2164, 30.3882, -53.5340



## Deuteranomaly

59.2094, 28.7437, -40.9601



## Tritanomaly

60.4351, 51.5592, -2.1536

# Monochromacy



## Original Color

61.0342, 73.9836, -41.1780



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

59.1795, 23.7620, -13.0802

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.0342, 73.9836, -41.1780 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(255, 103, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 240)  
}
```

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(255, 103, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.0342, 73.9836, -41.1780 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(255, 103, 240) }
```



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

```
.border{ border-color:rgb(255, 103, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.0342, 73.9836, -41.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 240) }
```

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

```
.background{ background-color: rgb(255,  
103, 240) }
```

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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