

# Converting Colors

HunterLab(60.9095, 74.6170,  
-41.9907)

Have a look what the booklet for  
HunterLab(60.9095, 74.6170,  
-41.9907) contains.

<b>HunterLab(60.9209, 74.6649, -42.1449)</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(60.9209, 74.6649,  
-42.1449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF66F1
RGB	255, 102, 241
RGB Percent	100%, 40%, 95%
CMY	0.0000, 0.6000, 0.0549
CMYK	0.00, 0.60, 0.05, 0.00
HSL	305°, 100%, 70%
HSV	305°, 60%, 100%
XYZ	61.8685, 37.1136, 87.1218
YIQ	163.5930, 46.5690, 75.6650

# Conversions

## Conversions Part 2

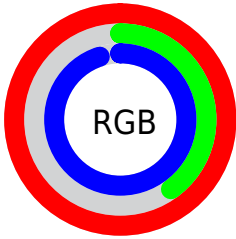
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 102, 241
Decimal	16738033
CIE Lab	67.36, 74.00, -41.95
CIE LCh	67, 85.063, 330.455
Yxy	37.1151, 0.3324, 0.1994
Android (android.graphics.Color)	4294928113 (0xFFFF66F1)
YUV	163.5930, 38.1617, 80.1639
Hunter-Lab	60.9209, 74.6649, -42.1449

# Details

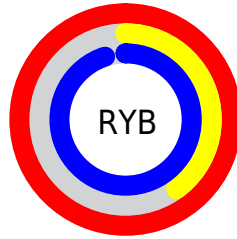
The HunterLab color  $60.9209, 74.6649, -42.1449$  is a light color, and the websafe version is hex  $FF66FF$ . A complement of this color would be  $86.9519, -61.0331, 41.2429$ , and the grayscale version is  $60.5985, -3.2334, 3.2924$ .

A 20% lighter version of the original color is  $73.4641, 46.4651, -30.2725$ , and  $40.3297, 69.9864, -40.5905$  is the 20% darker color. If you saturate the color by 10%, you get  $57.1939, 85.2660, -47.6519$ , and if you desaturate by 10%, it is  $65.6211, 62.3085, -35.3259$ .

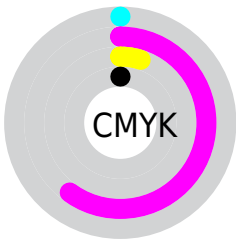
# Distribution



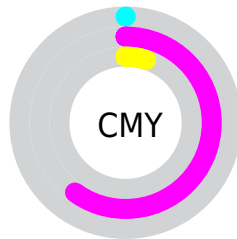
- Red (100%)
- Green (40%)
- Blue (95%)



- Red (100%)
- Yellow (40%)
- Blue (95%)



- Cyan (0%)
- Magenta (60%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.9209, 74.6649, -42.1449 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 60.9209, 74.6649, -42.1449 by changing the saturation by 10% instead.





 60.9209, 74.6649,  
-42.1449


 60.9209, 74.6649,  
-42.1449


182.7042, 91.7553,  
-47.0043


 50.2957, 72.3351,  
-41.4598

 84.1128, 79.0824,  
-43.4954


 40.3710, 69.9673,  
-40.8233


 96.6099, 81.1577,  
-44.1283

 31.2016, 67.6284,  
-40.3190


 109.6710, 83.1407,  
-44.7209

 22.8558, 65.4796,  
-40.1283

 123.2728, 85.0329,  
-45.2695

 15.4247, 63.9317,  
-40.6886

137.3946, 86.8371,  
-45.7723

 9.0286, 64.3624,  
-43.3701

152.0180, 88.5566,

0.0000, INF, -NF

-46.2289

0.0000, NaN, -NF

167.1262, 90.1949,  
-46.6394

■ 60.9209, 74.6649,  
-42.1449

■ 60.9209, 74.6649,  
-42.1449

■ 57.1939, 85.2660,  
-47.6519

■ 65.6211, 62.3085,  
-35.3259

■ 54.5012, 93.3145,  
-51.3895

■ 71.1886, 48.9735,  
-27.6696

■ 52.8372, 98.2398,  
-53.0710

■ 77.5115, 35.2401,  
-19.5513

■ 52.0264, 100.2579,  
-52.9068

■ 84.4821, 21.4870,  
-11.2323

■ 52.0262, 100.2583,  
-52.9067

■ 92.0056, 7.9272,  
-2.8736

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.



60.9221, 38.5956, -92.8099



60.9209, 74.6649, -42.1449



60.9221, 88.8968, 3.8681

# Triad

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



60.9221, 74.6616, -42.1430



60.9221, -3.8358, 39.9706



60.9221, -54.4969, -43.7562

# Complementary

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



60.9209, 74.6649, -42.1449



86.9519, -61.0331, 41.2429

# 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.



60.9221, -60.6520, 2.7589



60.9209, 74.6649, -42.1449



60.9221, -36.1746, 38.0233

# Square

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



60.9221, 74.6616, -42.1430



60.9221, 37.3326, 38.1551



60.9221, -54.8654, 28.6779



60.9221, -35.3897, -94.0786



# Rectangle

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



60.9209, 74.6649, -42.1449



60.9221, 81.9062, 23.0201



60.9221, -54.8654, 28.6779



60.9221, -57.9038, -26.4823

# Sweetspot

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



60.9221, 74.6616, -42.1430



85.9433, 18.7588, -9.5623



45.1137, 39.1192, -95.8530



38.7797, 10.5189, -5.5494

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.9221, 74.6616, -42.1430



56.5706, 87.1064, -48.5553



57.8864, 61.6762, -0.0811



42.7434, 3.3617, -1.1393



37.6232, 72.5274, -38.4513



11.7740, 22.7506, -12.4484



# Inverse Universe

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



60.9221, 74.6616, -42.1430



56.5706, 87.1064, -48.5553



88.3844, -52.3358, 20.3829



42.7434, 3.3617, -1.1393



37.6232, 72.5274, -38.4513



11.7740, 22.7506, -12.4484



# Previews

## White Background



This preview shows how the HunterLab color 60.9209, 74.6649, -42.1449 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

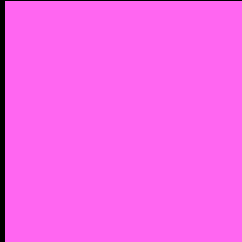
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.9209, 74.6649, -42.1449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

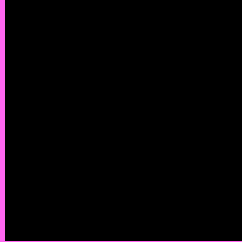
Any Text WCAG AA ✓ Pass

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 60.9209, 74.6649, -42.1449 Background



This preview shows how black text looks on a background with the HunterLab color 60.9209, 74.6649, -42.1449.



This preview shows how white text looks on a background with the HunterLab color 60.9209, 74.6649, -42.1449.

-42.1449.

# 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

60.9209, 74.6649, -42.1449

### Protanopia

61.1366, 9.3551, -53.9143

### Deuteranopia

60.9800, 4.9846, -35.8432



## Tritanopia

60.8789, 39.9208, 14.4236

# Trichromacy



## Original Color

60.9209, 74.6649, -42.1449



## Protanomaly

58.9680, 30.9431, -54.0588



## Deuteranomaly

58.9062, 29.2293, -42.2999



## Tritanomaly

60.4351, 51.5592, -2.1536

# Monochromacy



## Original Color

60.9209, 74.6649, -42.1449



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

58.9286, 24.2943, -13.4381

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.9209, 74.6649, -42.1449 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, 102, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 241)  
}
```

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, 102, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.9209, 74.6649, -42.1449 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, 102, 241) }
```



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

```
.border{ border-color:rgb(255, 102, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.9209, 74.6649, -42.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 241) }
```

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

```
.background{ background-color: rgb(255,  
102, 241) }
```

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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