

# Converting Colors

HunterLab(78.7485, 41.3088,  
0.8059)

Have a look what the booklet for  
HunterLab(78.7485, 41.3088,  
0.8059) contains.

<b>HunterLab(75.3832, 31.0757, -3.5702)</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(75.3832, 31.0757,  
-3.5702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAFD7
RGB	255, 175, 215
RGB Percent	100%, 69%, 84%
CMY	0.0000, 0.3137, 0.1569
CMYK	0.00, 0.31, 0.16, 0.00
HSL	330°, 100%, 84%
HSV	330°, 31%, 100%
XYZ	68.8358, 56.8263, 71.6305
YIQ	203.4800, 34.8400, 29.4000

# Conversions

## Conversions Part 2

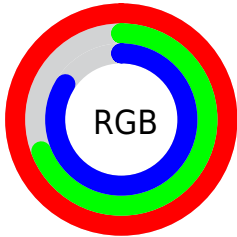
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 175, 215
Decimal	16756695
CIE Lab	80.08, 34.87, -8.28
CIE LCh	80, 35.838, 346.635
Yxy	56.8287, 0.3489, 0.2880
Android (android.graphics.Color)	4294946775 (0xFFFFAFD7)
YUV	203.4800, 5.6794, 45.1830
Hunter-Lab	75.3832, 31.0757, -3.5702

# Details

The HunterLab color  $75.3832, 31.0757, -3.5702$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $92.4885, -35.0424, 15.1620$ , and the grayscale version is  $77.4514, -4.1326, 4.2081$ .

A 20% lighter version of the original color is  $92.5375, 7.5482, -3.4632$ , and  $52.9935, 29.2237, -4.0433$  is the 20% darker color. If you saturate the color by 10%, you get  $68.6961, 42.8524, -5.2801$ , and if you desaturate by 10%, it is  $82.6989, 19.2765, -1.1968$ .

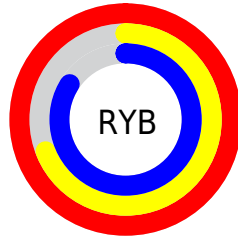
# Distribution



Red (100%)

Green (69%)

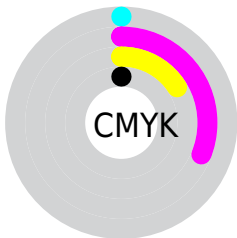
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

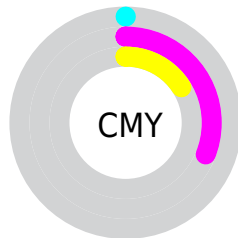


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.3832, 31.0757, -3.5702 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 75.3832, 31.0757, -3.5702 by changing the saturation by 10% instead.





 75.3832, 31.0757,  
-3.5702

 75.3832, 31.0757,  
-3.5702


203.1766, 36.0850,  
0.6344

 63.9279, 30.1245,  
-3.8237


 100.1075, 32.6910,  
-2.9126

 53.1185, 29.0724,  
-4.0244


113.3179, 33.3763,  
-2.5180

 42.9981, 27.9060,  
-4.1653


127.0631, 33.9872,  
-2.0828

 33.6172, 26.6147,  
-4.2396

141.3231, 34.5288,  
-1.6091

 25.0395, 25.1905,  
-4.2388

156.0799, 35.0057,  
-1.0990

 17.3488, 23.6386,  
-4.1520

171.3174, 35.4218,

 10.6624, 22.0204,

-0.5540

-3.9674

187.0207, 35.7805,  
0.0243

0.9594, 158.3286,  
-35.7388

0.0000, NaN, NaN

75.3832, 31.0757,  
-3.5702

75.3832, 31.0757,  
-3.5702

68.6961, 42.8524,  
-5.2801

82.6989, 19.2765,  
-1.1968

62.7477, 54.2984,  
-6.1450

90.5413, 7.6318,  
1.6844

57.6669, 64.8892,  
-5.9610

98.8327, -3.7896,  
4.9590

53.5782, 73.8956,  
-4.5572

100.0000, -5.3358,  
5.4332

■ 50.5729, 80.5031,  
-1.8765

■ 48.6657, 84.1100,  
1.9355

■ 47.7548, 85.0172,  
5.7760

# Harmonies

## Analogous

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



75.3848, 21.6616, -20.9649



75.3832, 31.0757, -3.5702



75.3848, 30.4968, 12.5966

# Triad

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



75.3848, 31.0725, -3.5688



75.3848, -13.2976, 28.5265



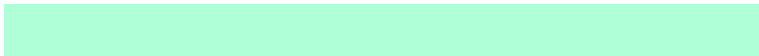
75.3848, -25.4968, -22.6587

# Complementary

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



75.3832, 31.0757, -3.5702



92.4885, -35.0424, 15.1620

# 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.



75.3848, -33.2743, -5.5097



75.3832, 31.0757, -3.5702



75.3848, -26.6774, 22.7287

# Square

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



75.3848, 31.0725, -3.5688



75.3848, 3.8031, 28.8184



75.3848, -33.6861, 11.0454



75.3848, -11.5488, -33.5469



# Rectangle

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



75.3832, 31.0757, -3.5702



75.3848, 24.5098, 20.6219



75.3848, -33.6861, 11.0454



75.3848, -28.8624, -17.2809

# Sweetspot

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



75.3848, 31.0725, -3.5688



92.4685, 4.9033, 2.4286



72.3394, 24.9285, -32.5297



42.2315, 3.0427, 0.9111

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.3848, 31.0725, -3.5688



70.8737, 38.9001, -4.7880



74.1739, 24.9571, 13.7209



42.5894, 2.5367, 1.0495



34.5635, 61.6142, 3.5503



10.8868, 19.5955, -0.3415



# Inverse Universe

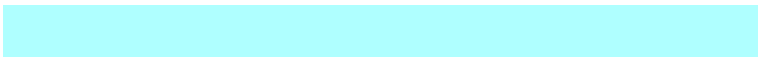
The Inverse Universe completely reimagines the original color for something new.



75.3848, 31.0725, -3.5688



70.8737, 38.9001, -4.7880



93.7308, -27.8830, -2.5763



42.5894, 2.5367, 1.0495



34.5635, 61.6142, 3.5503



10.8868, 19.5955, -0.3415



# Previews

## White Background



This preview shows how the HunterLab color 75.3832, 31.0757, -3.5702 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

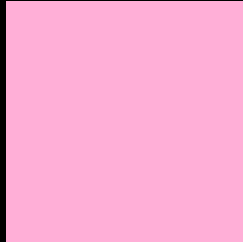
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.3832, 31.0757, -3.5702 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 75.3832, 31.0757, -3.5702 Background



This preview shows how black text looks on a background with the HunterLab color 75.3832, 31.0757, -3.5702.



This preview shows how white text looks on a background with the HunterLab color 75.3832, 31.0757, -3.5702.

-3.5702.

# 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

75.3832, 31.0757, -3.5702

### Protanopia

75.4501, 0.6874, -11.7477

### Deuteranopia

75.5245, 5.8451, -2.2581



## Tritanopia

75.3564, 24.2042, 7.1626

# Trichromacy



## Original Color

75.3832, 31.0757, -3.5702

## Protanomaly

75.0839, 11.1747, -9.2249

## Deuteranomaly

75.1105, 14.8635, -3.1485

## Tritanomaly

75.4589, 26.3686, 3.5412

# Monochromacy



## Original Color

75.3832, 31.0757, -3.5702

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

76.2722, 8.0104, 1.2509

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.3832, 31.0757, -3.5702 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, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 215)  
}
```

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, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.3832, 31.0757, -3.5702 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, 175, 215) }
```



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

```
.border{ border-color:rgb(255, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.3832, 31.0757, -3.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 215) }
```

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

```
.background{ background-color: rgb(255,  
175, 215) }
```

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