

Converting Colors

HunterLab(68.7051, 42.0508,
-3.5666)

Have a look what the booklet for
HunterLab(68.7051, 42.0508,
-3.5666) contains.

HunterLab(68.6995, 42.0513, -3.5637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.6995, 42.0513,
-3.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96C7
RGB	255, 150, 199
RGB Percent	100%, 59%, 78%
CMY	0.0000, 0.4117, 0.2196
CMYK	0.00, 0.41, 0.22, 0.00
HSL	332°, 100%, 79%
HSV	332°, 41%, 100%
XYZ	62.4551, 47.1962, 59.8509
YIQ	186.9810, 46.8510, 37.4990

Conversions

Conversions Part 2

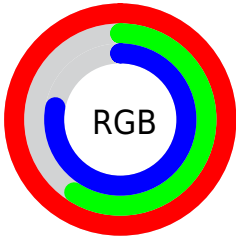
Format	Color
R_{YB}	255, 150, 199
Decimal	16750279
CIE _{Lab}	74.32, 45.40, -8.12
CIE _{LCh}	74, 46.117, 349.865
Yxy	47.1984, 0.3685, 0.2784
Android (android.graphics.Color)	4294940359 (0xFFFF96C7)
YUV	186.9810, 5.9254, 59.6527
Hunter-Lab	68.6995, 42.0513, -3.5637

Details

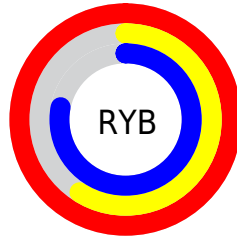
The HunterLab color **68.6995, 42.0513, -3.5637** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90.8081, -41.9951, 17.0926**, and the grayscale version is **70.4489, -3.7590, 3.8276**.

A 20% lighter version of the original color is **85.2189, 21.2868, -12.9380**, and **47.0594, 39.2472, -4.0654** is the 20% darker color. If you saturate the color by 10%, you get **62.7075, 53.3992, -4.0324**, and if you desaturate by 10%, it is **75.4330, 30.3903, -2.2574**.

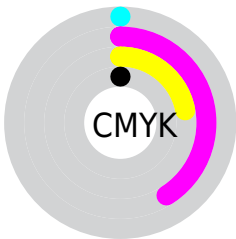
Distribution



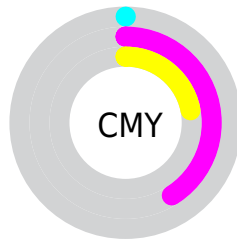
- Red (100%)
- Green (59%)
- Blue (78%)



- Red (100%)
- Yellow (59%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.6995, 42.0513, -3.5637 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 68.6995, 42.0513, -3.5637 by changing the saturation by 10% instead.


 68.6995, 42.0513,
-3.5637


 68.6995, 42.0513,
-3.5637


193.8055, 50.6967,
0.4936

 57.6129, 40.6394,
-3.7937


 92.7414, 44.5527,
-2.9470

 47.1953, 39.1177,
-3.9681


 105.6333, 45.6631,
-2.5706

 37.4945, 37.4786,
-4.0794


119.0727, 46.6873,
-2.1523

 28.5679, 35.7257,
-4.1199

133.0381, 47.6311,
-1.6945

 20.4898, 33.8870,
-4.0795

147.5105, 48.4996,
-1.1993

 13.3608, 32.0696,
-3.9462

162.4727, 49.2974,

 6.9128, 34.0627,

-0.6685

-4.5357

177.9090, 50.0286,
-0.1037

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.6995, 42.0513,
-3.5637

■ 68.6995, 42.0513,
-3.5637

■ 62.7075, 53.3992,
-4.0324

■ 75.4330, 30.3903,
-2.2574

■ 57.5811, 63.9338,
-3.4839

■ 82.7880, 18.7341,
-0.2920

■ 53.4485, 72.9296,
-1.7714

■ 90.6688, 7.2388,
2.1889

■ 50.4048, 79.5698,
1.1326

■ 98.9962, -4.0290,
5.0725

■ 48.4686, 83.2382,

100.0000, -5.3358,

5.0574

5.4332

■ 47.5308, 84.1997,
8.9941

Harmonies

Analogous

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



68.7011, 30.9549, -26.8182



68.6995, 42.0513, -3.5637



68.7011, 39.7912, 15.8273

Triad

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



68.7011, 42.0479, -3.5622



68.7011, -17.1862, 31.4357



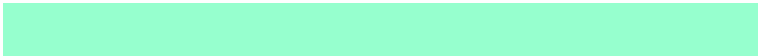
68.7011, -28.3837, -33.7228

Complementary

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



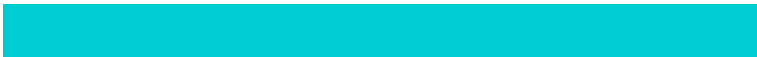
68.6995, 42.0513, -3.5637



90.8081, -41.9951, 17.0926

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.



68.7011, -38.4488, -11.0431



68.6995, 42.0513, -3.5637



68.7011, -32.5572, 24.5994

Square

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



68.7011, 42.0479, -3.5622



68.7011, 3.7729, 32.3200



68.7011, -39.8762, 10.3186



68.7011, -10.8078, -47.4585

Rectangle

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



68.6995, 42.0513, -3.5637



68.7011, 31.1043, 24.5061



68.7011, -39.8762, 10.3186



68.7011, -32.6610, -26.6164

Sweetspot

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



68.7011, 42.0479, -3.5622



89.9998, 8.1803, 1.9674



64.9285, 35.9631, -45.7537



41.1516, 4.4748, 0.7508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7011, 42.0479, -3.5622



63.9412, 50.9800, -4.0106



68.1255, 33.3260, 17.4477



42.5772, 2.4710, 1.2237



34.4009, 61.0212, 5.8835



10.8355, 19.4094, 0.3874

Inverse Universe

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



68.7011, 42.0479, -3.5622



63.9412, 50.9800, -4.0106



91.1109, -31.5457, -5.9757



42.5772, 2.4710, 1.2237



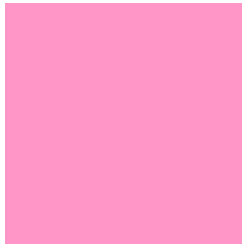
34.4009, 61.0212, 5.8835



10.8355, 19.4094, 0.3874

Previews

White Background



This preview shows how the HunterLab color 68.6995, 42.0513, -3.5637 looks on a white background.

Color Contrast Check

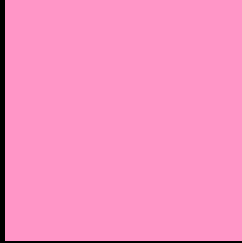
Large Text (above 18pt) WCAG AA × Fail

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 68.6995, 42.0513, -3.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

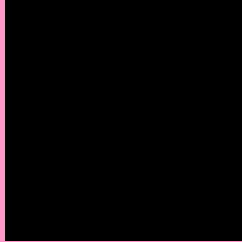
Any Text WCAG AA ✓ Pass

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 68.6995, 42.0513, -3.5637 Background



This preview shows how black text looks on a background with the HunterLab color 68.6995, 42.0513, -3.5637.



This preview shows how white text looks on a background with the HunterLab color 68.6995, 42.0513, -3.5637.

-3.5637.

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

68.6995, 42.0513, -3.5637

Protanopia

69.0538, 1.1477, -14.9711

Deuteranopia

68.8996, 4.8762, -1.3794



Tritanopia

68.7477, 32.9041, 11.4083

Trichromacy



Original Color

68.6995, 42.0513, -3.5637



Protanomaly

68.0737, 15.0212, -12.0406



Deuteranomaly

68.3685, 17.6382, -2.8527



Tritanomaly

68.7376, 36.0394, 6.2006

Monochromacy



Original Color

68.6995, 42.0513, -3.5637



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

69.3042, 11.8540, 0.7445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6995, 42.0513, -3.5637 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, 150, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 199)  
}
```

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, 150, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6995, 42.0513, -3.5637 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, 150, 199) }
```


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

```
.border{ border-color:rgb(255, 150, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6995, 42.0513, -3.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 199) }
```

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

```
.background{ background-color: rgb(255,  
150, 199) }
```

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