

Converting Colors

HunterLab(81.2541, 69.7517,
-2.9090)

Have a look what the booklet for
HunterLab(81.2541, 69.7517,
-2.9090) contains.

HunterLab(71.4360, 43.5014, -16.7447)	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(71.4360, 43.5014,
-16.7447)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DE5
RGB	255, 157, 229
RGB Percent	100%, 62%, 90%
CMY	0.0000, 0.3843, 0.1020
CMYK	0.00, 0.38, 0.10, 0.00
HSL	316°, 100%, 81%
HSV	316°, 38%, 100%
XYZ	67.4397, 51.0310, 80.4241
YIQ	194.5100, 35.2960, 43.1680

Conversions

Conversions Part 2

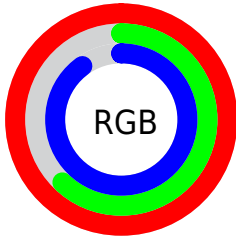
Format	Color
R _{YB}	255, 157, 229
Decimal	16752101
CIE _{Lab}	76.70, 46.40, -20.96
CIE _{LCh}	77, 50.914, 335.685
Y _{xy}	51.0332, 0.3391, 0.2566
Android (android.graphics.Color)	4294942181 (0xFFFF9DE5)
YUV	194.5100, 17.0036, 53.0497
Hunter-Lab	71.4360, 43.5014, -16.7447

Details

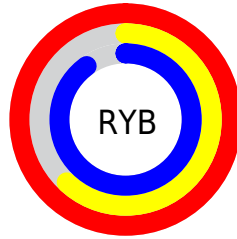
The HunterLab color $71.4360, 43.5014, -16.7447$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $90.6134, -43.8980, 25.7518$, and the grayscale version is $73.5864, -3.9264, 3.9981$.

A 20% lighter version of the original color is $87.2173, 17.4111, -10.2664$, and $49.5862, 40.7252, -16.0042$ is the 20% darker color. If you saturate the color by 10%, you get $65.5099, 56.0402, -21.3476$, and if you desaturate by 10%, it is $78.0808, 30.6507, -11.4743$.

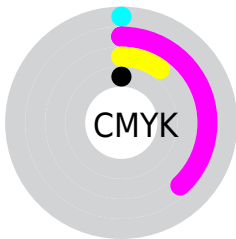
Distribution



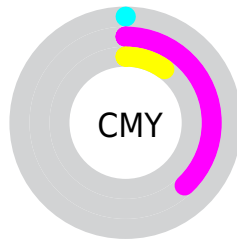
- Red (100%)
- Green (62%)
- Blue (90%)



- Red (100%)
- Yellow (62%)
- Blue (90%)



- Cyan (0%)
- Magenta (38%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4360, 43.5014, -16.7447 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 71.4360, 43.5014, -16.7447 by changing the saturation by 10% instead.


 71.4360, 43.5014,
-16.7447


 71.4360, 43.5014,
-16.7447


197.6595, 52.2773,
-16.4506

 60.1955, 42.0798,
-16.5075

 95.7621, 46.0270,
-17.0332

 49.6143, 40.5497,
-16.2079

 108.7865, 47.1508,
-17.0940

 39.7379, 38.9036,
-15.8430


122.3531, 48.1894,
-17.1026

 30.6209, 37.1439,
-15.4158

136.4410, 49.1481,
-17.0617

 22.3327, 35.2932,
-14.9408

151.0316, 50.0321,
-16.9740

 14.9664, 33.4375,
-14.4679

166.1081, 50.8456,

 8.6118, 32.2244,

-16.8415

-14.3133

181.6553, 51.5929,
-16.6664

0.0000, INF, -NF

0.0000, NaN, NaN

■ 71.4360, 43.5014,
-16.7447

■ 71.4360, 43.5014,
-16.7447

■ 65.5099, 56.0402,
-21.3476

■ 78.0808, 30.6507,
-11.4743

■ 60.4151, 67.7680,
-24.9899

■ 85.3332, 17.8110,
-5.7644

■ 56.2677, 77.9702,
-27.3226

■ 93.1036, 5.1467,
0.2320

■ 53.1548, 85.8320,
-28.0277

100.0000, -5.3358,
5.4332

■ 51.0996, 90.6901,

-26.9492

■ 49.9954, 92.4690,
-24.2697

■ 49.8625, 92.6159,
-23.7866

Harmonies

Analogous

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



71.4375, 25.2694, -41.9708



71.4360, 43.5014, -16.7447



71.4375, 48.3803, 8.1182

Triad

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



71.4375, 43.4982, -16.7431



71.4375, -8.3475, 35.3120



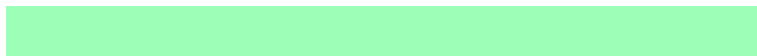
71.4375, -37.6868, -26.8942

Complementary

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



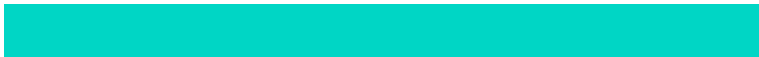
71.4360, 43.5014, -16.7447



90.6134, -43.8980, 25.7518

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.



71.4375, -44.3200, -0.6167



71.4360, 43.5014, -16.7447



71.4375, -28.8828, 31.2229

Square

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



71.4375, 43.4982, -16.7431



71.4375, 16.2797, 33.5211



71.4375, -41.3239, 19.7596



71.4375, -21.9090, -49.0633

Rectangle

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



71.4360, 43.5014, -16.7447



71.4375, 42.9156, 20.4750



71.4375, -41.3239, 19.7596



71.4375, -40.9575, -17.9729

Sweetspot

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



71.4375, 43.4982, -16.7431



90.2744, 9.6428, -1.9349



64.2035, 24.6605, -47.3739



41.2930, 5.2257, -1.2589

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4375, 43.4982, -16.7431



66.8777, 53.0456, -20.3051



69.8090, 35.5752, 6.2790



42.6770, 3.0061, -0.1958



36.0795, 67.0767, -17.6897



11.3382, 21.2154, -6.6147

Inverse Universe

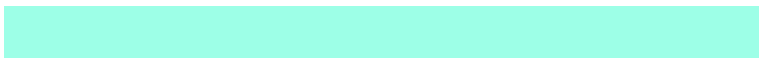
The Inverse Universe completely reimagines the original color for something new.



71.4375, 43.4982, -16.7431



66.8777, 53.0456, -20.3051



91.8859, -36.4346, 7.4373



42.6770, 3.0061, -0.1958



36.0795, 67.0767, -17.6897



11.3382, 21.2154, -6.6147

Previews

White Background



This preview shows how the HunterLab color 71.4360, 43.5014, -16.7447 looks on a white background.

Color Contrast Check

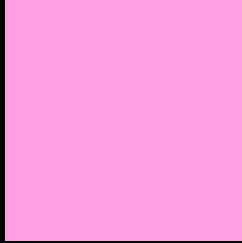
Large Text (above 18pt) WCAG AA × Fail

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 71.4360, 43.5014, -16.7447 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 71.4360, 43.5014, -16.7447 Background



This preview shows how black text looks on a background with the HunterLab color 71.4360, 43.5014, -16.7447.



This preview shows how white text looks on a background with the HunterLab color 71.4360, 43.5014, -16.7447.

-16.7447.

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

71.4360, 43.5014, -16.7447

Protanopia

71.6075, 4.7992, -31.3594

Deuteranopia

71.5235, 5.3316, -14.2932



Tritanopia

71.4366, 27.4637, 9.1034

Trichromacy



Original Color

71.4360, 43.5014, -16.7447



Protanomaly

70.7660, 17.5654, -27.1299



Deuteranomaly

71.0261, 18.4242, -15.9740



Tritanomaly

71.2284, 33.1268, 0.5008

Monochromacy



Original Color

71.4360, 43.5014, -16.7447



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

72.3218, 12.6436, -3.6088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4360, 43.5014, -16.7447 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, 157, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 229)  
}
```

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, 157, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4360, 43.5014, -16.7447 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, 157, 229) }
```


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

```
.border{ border-color:rgb(255, 157, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 229); box-shadow:4px 4px 4px 4px rgb(255, 157, 229) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4360, 43.5014, -16.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 229) }
```

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

```
.background{ background-color: rgb(255,  
157, 229) }
```

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