

Converting Colors

HunterLab(69.6108, 55.8285,
-36.7095)

Have a look what the booklet for
HunterLab(69.6108, 55.8285,
-36.7095) contains.

HunterLab(69.5892, 55.8830, -36.7470)	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(69.5892, 55.8830,
-36.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90FF
RGB	255, 144, 255
RGB Percent	100%, 56%, 100%
CMY	0.0000, 0.4353, 0.0000
CMYK	0.00, 0.44, 0.00, 0.00
HSL	300°, 100%, 78%
HSV	300°, 44%, 100%
XYZ	69.2633, 48.4266, 100.3045
YIQ	189.8430, 30.5250, 58.0530

Conversions

Conversions Part 2

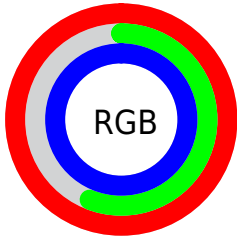
Format	Color
R _Y B	255, 144, 255
Decimal	16748799
CIE _{Lab}	75.09, 57.30, -37.54
CIE _{LCh}	75, 68.503, 326.765
Yxy	48.4283, 0.3177, 0.2222
Android (android.graphics.Color)	4294938879 (0xFFFF90FF)
YUV	189.8430, 32.1224, 57.1427
Hunter-Lab	69.5892, 55.8830, -36.7470

Details

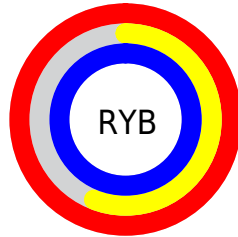
The HunterLab color **69.5892, 55.8830, -36.7470** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89.1424, -51.2786, 36.4804**, and the grayscale version is **71.5525, -3.8179, 3.8876**.

A 20% lighter version of the original color is **83.5395, 24.6237, -15.2376**, and **47.9142, 52.2406, -35.6714** is the 20% darker color. If you saturate the color by 10%, you get **64.4642, 69.4644, -46.0754**, and if you desaturate by 10%, it is **75.5279, 41.7045, -26.9978**.

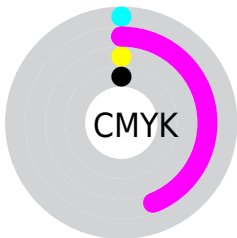
Distribution



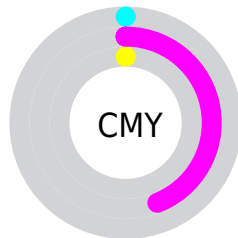
- Red (100%)
- Green (56%)
- Blue (100%)



- Red (100%)
- Yellow (56%)
- Blue (100%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.5892, 55.8830, -36.7470 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 69.5892, 55.8830, -36.7470 by changing the saturation by 10% instead.


 69.5892, 55.8830,
-36.7470


 69.5892, 55.8830,
-36.7470


195.0609, 67.9388,
-40.4890

 58.4519, 54.0766,
-36.1093


 93.7240, 59.1764,
-37.9068

 47.9805, 52.1692,
-35.4580


 106.6592, 60.6780,
-38.4201

 38.2220, 50.1655,
-34.8253


120.1403, 62.0885,
-38.8849

 29.2329, 48.0932,
-34.2817

134.1458, 63.4128,
-39.3008

 21.0856, 46.0304,
-33.9831

148.6569, 64.6557,
-39.6681

 13.8782, 44.2063,
-34.3266

163.6565, 65.8217,

 7.5098, 45.7114,

-39.9878

-38.1341

179.1292, 66.9148,
-40.2610

0.0000, INF, -NF

0.0000, NaN, -NF

■ 69.5892, 55.8830,
-36.7470

■ 69.5892, 55.8830,
-36.7470

■ 64.4642, 69.4644,
-46.0754

■ 75.5279, 41.7045,
-26.9978

■ 60.2576, 81.7800,
-54.5265

■ 82.1662, 27.4102,
-17.1573

■ 57.0568, 92.0111,
-61.5418

■ 89.4049, 13.2791,
-7.4169

■ 54.8966, 99.4093,
-66.6119


■ 97.1572, -0.5451,
2.1240

■ 53.7269, 103.6016,

100.0000, -5.3358,

-69.4839

5.4332

 53.3667, 104.9207,
-70.3875

Harmonies

Analogous

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



69.5905, 26.3552, -71.7901



69.5892, 55.8830, -36.7470



69.5905, 69.3500, 0.3887

Triad

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



69.5905, 55.8797, -36.7447



69.5905, -0.1956, 40.6304



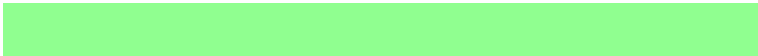
69.5905, -50.7427, -28.2246

Complementary

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



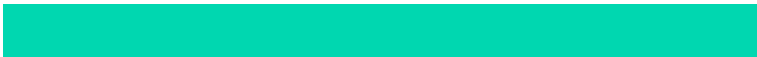
69.5892, 55.8830, -36.7470



89.1424, -51.2786, 36.4804

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.



69.5905, -55.2906, 7.0240



69.5892, 55.8830, -36.7470



69.5905, -29.4162, 38.4874

Square

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



69.5905, 55.8797, -36.7447



69.5905, 33.4926, 37.2004



69.5905, -48.2284, 28.9178



69.5905, -34.4496, -65.4994

Rectangle

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



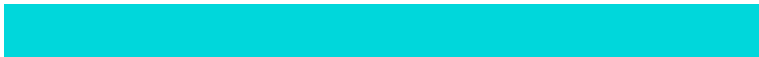
69.5892, 55.8830, -36.7470



69.5905, 65.8856, 18.7004



69.5905, -48.2284, 28.9178



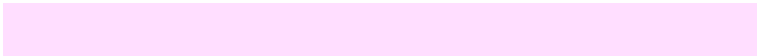
69.5905, -53.5515, -15.3910

Sweetspot

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



69.5905, 55.8797, -36.7447



89.8014, 12.5421, -6.9085



57.5310, 21.9596, -61.6656



40.7825, 7.2332, -4.1829

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.5905, 55.8797, -36.7447



65.1901, 67.4529, -44.6944



67.3463, 45.3644, -5.5465



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Inverse Universe

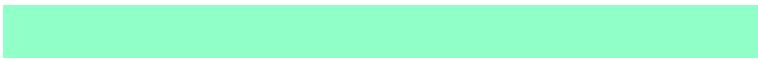
The Inverse Universe completely reimagines the original color for something new.



69.5905, 55.8797, -36.7447



65.1901, 67.4529, -44.6944



90.3309, -44.1984, 19.2212



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Previews

White Background



This preview shows how the HunterLab color 69.5892, 55.8830, -36.7470 looks on a white background.

Color Contrast Check

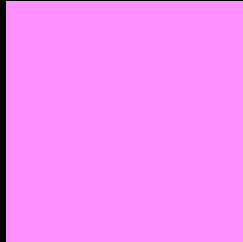
Large Text (above 18pt) WCAG AA × Fail

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 69.5892, 55.8830, -36.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

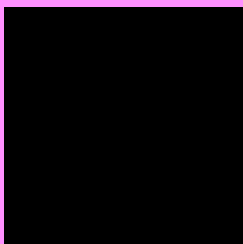
Any Text WCAG AA ✓ Pass

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 69.5892, 55.8830, -36.7470 Background



This preview shows how black text looks on a background with the HunterLab color 69.5892, 55.8830, -36.7470.



This preview shows how white text looks on a background with the HunterLab color 69.5892, 55.8830, -36.7470.

-36.7470.

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

69.5892, 55.8830, -36.7470

Protanopia

69.8343, 5.2953, -37.1985

Deuteranopia

69.6836, 5.6707, -32.5230



Tritanopia

69.5048, 27.8765, 9.1573

Trichromacy



Original Color

69.5892, 55.8830, -36.7470



Protanomaly

68.7980, 22.3113, -38.7491



Deuteranomaly

68.7384, 23.1413, -35.9604

Tritanomaly

69.2057, 37.6899, -5.1007

Monochromacy



Original Color

69.5892, 55.8830, -36.7470



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

70.0274, 17.1699, -10.4125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.5892, 55.8830, -36.7470 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, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 255)  
}
```

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, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.5892, 55.8830, -36.7470 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, 144, 255) }
```


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

```
.border{ border-color:rgb(255, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.5892, 55.8830, -36.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 255) }
```

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

```
.background{ background-color: rgb(255,  
144, 255) }
```

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