

# Converting Colors

HunterLab(64.4202, 69.5872,  
-46.1598)

Have a look what the booklet for  
HunterLab(64.4202, 69.5872,  
-46.1598) contains.

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# Color

**HunterLab(64.3715, 69.7236,  
-46.2534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF76FF
RGB	255, 118, 255
RGB Percent	100%, 46%, 100%
CMY	0.0000, 0.5372, 0.0000
CMYK	0.00, 0.54, 0.00, 0.00
HSL	300°, 100%, 73%
HSV	300°, 54%, 100%
XYZ	65.7685, 41.4369, 99.1395
YIQ	174.5810, 37.6750, 71.6510

# Conversions

## Conversions Part 2

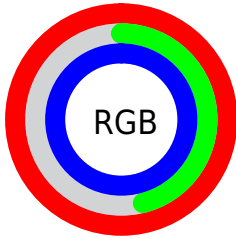
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 118, 255
Decimal	16742143
CIE <sub>Lab</sub>	70.48, 69.48, -44.74
CIE <sub>LCh</sub>	70, 82.638, 327.221
Yxy	41.4384, 0.3187, 0.2008
Android (android.graphics.Color)	4294932223 (0xFFFF76FF)
YUV	174.5810, 39.6466, 70.5275
Hunter-Lab	64.3715, 69.7236, -46.2534

# Details

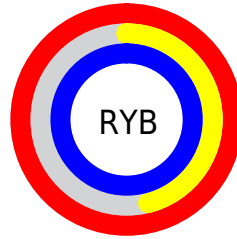
The HunterLab color **64.3715, 69.7236, -46.2534** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87.5672, -58.4503, 41.3290**, and the grayscale version is **65.1312, -3.4752, 3.5387**.

A 20% lighter version of the original color is **76.9025, 38.6226, -24.8772**, and **43.3673, 65.1325, -45.1789** is the 20% darker color. If you saturate the color by 10%, you get **60.1850, 82.0031, -54.6795**, and if you desaturate by 10%, it is **69.4819, 56.1534, -36.9328**.

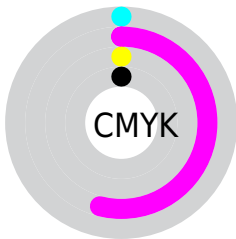
# Distribution



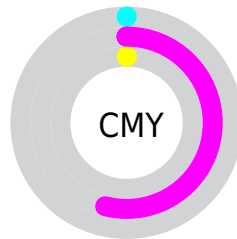
- Red (100%)
- Green (46%)
- Blue (100%)



- Red (100%)
- Yellow (46%)
- Blue (100%)



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (54%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3715, 69.7236, -46.2534 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 64.3715, 69.7236, -46.2534 by changing the saturation by 10% instead.





 64.3715, 69.7236,  
-46.2534


 64.3715, 69.7236,  
-46.2534


187.6565, 85.4259,  
-51.4660

 53.5367, 67.5243,  
-45.5502


 87.9483, 73.8415,  
-47.6587

 43.3879, 65.2578,  
-44.9043


 100.6239, 75.7596,  
-48.3267

 33.9764, 62.9626,  
-44.3979


 113.8560, 77.5842,  
-48.9579

 25.3653, 60.7372,  
-44.2036

127.6221, 79.3185,  
-49.5480

 17.6372, 58.8282,  
-44.7155

141.9023, 80.9660,  
-50.0945

 10.9078, 57.9539,  
-47.0158

156.6785, 82.5306,

 2.3099, 159.0011,

-50.5964

-135.1635

171.9348, 84.0160,  
-51.0535

0.0000, INF, -NF

0.0000, NaN, -NF

■ 64.3715, 69.7236,  
-46.2534

■ 64.3715, 69.7236,  
-46.2534

■ 60.1850, 82.0031,  
-54.6795

■ 69.4819, 56.1534,  
-36.9328

■ 57.0045, 92.1853,  
-61.6612

■ 75.4045, 41.9845,  
-27.1905

■ 54.8645, 99.5225,  
-66.6895

■ 82.0301, 27.6893,  
-17.3496

■ 53.7129, 103.6524,  
-69.5187

■ 89.2579, 13.5533,  
-7.6060

■ 53.3667, 104.9207,

■ 97.0009, -0.2777,

-70.3875

1.9394

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.



64.3727, 33.2700, -93.1950



64.3715, 69.7236, -46.2534



64.3727, 86.3612, 0.0634

# Triad

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



64.3727, 69.7203, -46.2511



64.3727, 0.1211, 41.3634



64.3727, -56.1320, -36.7919

# Complementary

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



64.3715, 69.7236, -46.2534



87.5672, -58.4503, 41.3290

# 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.



64.3727, -61.1087, 6.7645



64.3715, 69.7236, -46.2534



64.3727, -33.4079, 39.6399

# Square

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



64.3727, 69.7203, -46.2511



64.3727, 40.7945, 38.7319



64.3727, -53.8317, 30.8102



64.3727, -38.2314, -85.8634



# Rectangle

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



64.3715, 69.7236, -46.2534



64.3727, 81.6679, 20.7875



64.3727, -53.8317, 30.8102



64.3727, -59.1626, -20.4927

# Sweetspot

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



64.3727, 69.7203, -46.2511



87.5639, 16.7488, -9.8097



49.0208, 30.7402, -83.6822



39.8135, 9.0913, -5.4640

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.3727, 69.7203, -46.2511



60.0830, 82.3174, -54.8951



61.4695, 56.8916, -6.2051



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.



64.3727, 69.7203, -46.2511



60.0830, 82.3174, -54.8951



88.8474, -50.7131, 22.6719



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 64.3715, 69.7236, -46.2534 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

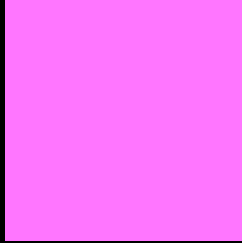
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.3715, 69.7236, -46.2534 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

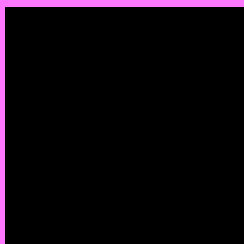
Any Text WCAG AA ✓ Pass

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 64.3715, 69.7236, -46.2534 Background



This preview shows how black text looks on a background with the HunterLab color 64.3715, 69.7236, -46.2534.



This preview shows how white text looks on a background with the HunterLab color 64.3715, 69.7236, -46.2534.

-46.2534.

# 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

64.3715, 69.7236, -46.2534

### Protanopia

64.5912, 7.4004, -46.9126

### Deuteranopia

64.6524, 5.2312, -40.0270



## Tritanopia

64.2918, 33.9952, 12.0180

# Trichromacy



## Original Color

64.3715, 69.7236, -46.2534



## Protanomaly

62.7857, 28.4229, -50.1544



## Deuteranomaly

62.9367, 26.9467, -45.1765

## Tritanomaly

63.9247, 45.6919, -5.5265

# Monochromacy



## Original Color

64.3715, 69.7236, -46.2534



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

63.4887, 22.0386, -13.8415

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.3715, 69.7236, -46.2534 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, 118, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 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, 118, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.3715, 69.7236, -46.2534 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, 118, 255) }
```



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

```
.border{ border-color:rgb(255, 118, 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, 118, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.3715, 69.7236, -46.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 255) }
```

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

```
.background{ background-color: rgb(255,  
118, 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](#).

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