

# Converting Colors

HunterLab(67.5346, 40.9220,  
-16.4136)

Have a look what the booklet for  
HunterLab(67.5346, 40.9220,  
-16.4136) contains.

<b>HunterLab(67.4438, 41.1736, -16.6362)</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(67.4438, 41.1736,  
-16.6362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F295DB
RGB	242, 149, 219
RGB Percent	95%, 58%, 86%
CMY	0.0510, 0.4157, 0.1412
CMYK	0.00, 0.38, 0.10, 0.05
HSL	315°, 78%, 77%
HSV	315°, 38%, 95%
XYZ	60.1517, 45.4867, 72.6273
YIQ	184.7870, 32.9580, 41.4860

# Conversions

## Conversions Part 2

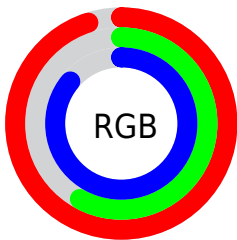
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 149, 219
Decimal	15898075
CIE Lab	73.21, 44.75, -20.93
CIE LCh	73, 49.400, 334.929
Yxy	45.4887, 0.3374, 0.2552
Android (android.graphics.Color)	4294088155 (0xFFFF295DB)
YUV	184.7870, 16.8670, 50.1758
Hunter-Lab	67.4438, 41.1736, -16.6362

# Details

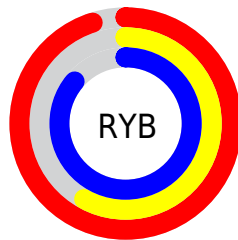
The HunterLab color  $67.4438, 41.1736, -16.6362$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $85.3662, -41.5062, 24.7659$ , and the grayscale version is  $69.4864, -3.7076, 3.7753$ .

A 20% lighter version of the original color is  $84.9368, 21.8420, -13.3207$ , and  $46.0830, 38.0793, -16.1249$  is the 20% darker color. If you saturate the color by 10%, you get  $61.8874, 53.0423, -21.2554$ , and if you desaturate by 10%, it is  $73.6744, 29.0141, -11.4126$ .

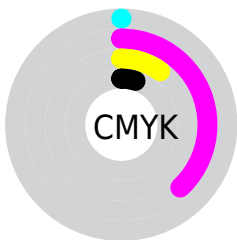
# Distribution



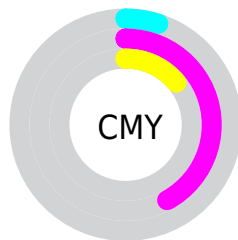
- Red (95%)
- Green (58%)
- Blue (86%)



- Red (95%)
- Yellow (58%)
- Blue (86%)



- Cyan (0%)
- Magenta (38%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4438, 41.1736, -16.6362 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 67.4438, 41.1736, -16.6362 by changing the saturation by 10% instead.



67.4438, 41.1736,  
-16.6362

67.4438, 41.1736,  
-16.6362

192.0285, 49.7016,  
-16.4883

56.4292, 39.7740,  
-16.3778

91.3528, 43.6511,  
-16.9636

46.0883, 38.2630,  
-16.0564

104.1828, 44.7484,  
-17.0423

36.4698, 36.6337,  
-15.6699

117.5628, 45.7595,  
-17.0678

27.6329, 34.8902,  
-15.2242

131.4712, 46.6899,  
-17.0430

19.6540, 33.0625,  
-14.7415

145.8885, 47.5450,  
-16.9704

12.6377, 31.2677,  
-14.2980

160.7974, 48.3293,

5.9636, 36.8006,

-16.8523

-17.2014

176.1821, 49.0469,  
-16.6910

0.0000, INF, -NF

0.0000, NaN, NaN

■ 67.4438, 41.1736,  
-16.6362

■ 67.4438, 41.1736,  
-16.6362

■ 61.8874, 53.0423,  
-21.2554

■ 73.6744, 29.0141,  
-11.4126

■ 57.1095, 64.1514,  
-24.9919

■ 80.4752, 16.8663,  
-5.8000

■ 53.2180, 73.8328,  
-27.5087

■ 87.7628, 4.8859,  
0.0595

■ 50.2938, 81.3249,  
-28.4920

■ 95.4667, -6.8575,  
6.0727

■ 48.3586, 86.0046,

■ 98.6065, -10.6079,

-27.7747

6.7226

■ 47.3103, 87.8058,  
-25.5149

■ 98.7987, -9.5458,  
3.9813

■ 47.1815, 87.9709,  
-25.1011

■ 98.8016, -9.5301,  
3.9409

# Harmonies

## Analogous

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



67.4453, 23.5501, -40.5745



67.4438, 41.1736, -16.6362



67.4453, 46.1981, 7.1769

# Triad

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



67.4453, 41.1710, -16.6345



67.4453, -7.3495, 33.5199



67.4453, -36.0840, -25.0356

# Complementary

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



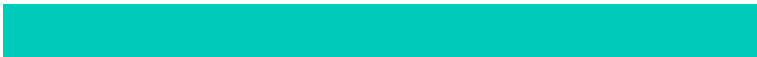
67.4438, 41.1736, -16.6362



85.3662, -41.5062, 24.7659

# 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.



67.4453, -42.1557, -0.0333



67.4438, 41.1736, -16.6362



67.4453, -27.0404, 29.8040

# Square

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



67.4453, 41.1710, -16.6345



67.4453, 16.1207, 31.6877



67.4453, -39.0795, 19.1384



67.4453, -21.2908, -46.4532



# Rectangle

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



67.4438, 41.1736, -16.6362



67.4453, 41.2289, 19.0676



67.4453, -39.0795, 19.1384



67.4453, -39.1157, -16.5123

# Sweetspot

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



67.4453, 41.1710, -16.6345



90.2932, 9.7430, -2.2022



60.4421, 22.7098, -44.7625



41.3028, 5.2772, -1.3968

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.4453, 41.1710, -16.6345



66.9637, 53.4438, -21.5006



65.8958, 33.6341, 5.2532



39.9508, 2.8135, -0.2574



34.6143, 64.5951, -18.8497



10.0619, 18.9087, -6.5011



# Inverse Universe

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



67.4453, 41.1710, -16.6345



66.9637, 53.4438, -21.5006



86.5537, -34.5389, 7.6669



39.9508, 2.8135, -0.2574



34.6143, 64.5951, -18.8497

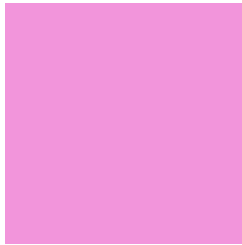


10.0619, 18.9087, -6.5011



# Previews

## White Background



This preview shows how the HunterLab color 67.4438, 41.1736, -16.6362 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

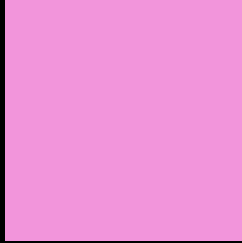
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.4438, 41.1736, -16.6362 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

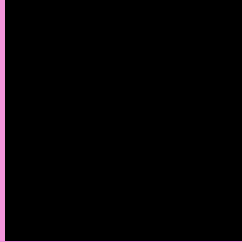
Any Text WCAG AA ✓ Pass

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 67.4438, 41.1736, -16.6362 Background



This preview shows how black text looks on a background with the HunterLab color 67.4438, 41.1736, -16.6362.



This preview shows how white text looks on a background with the HunterLab color 67.4438, 41.1736, -16.6362.

-16.6362.

# 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

67.4438, 41.1736, -16.6362

### Protanopia

67.7633, 4.5692, -30.2945

### Deuteranopia

67.6236, 4.9788, -14.0219



## Tritanopia

67.5051, 25.5566, 8.2044

# Trichromacy



## Original Color

67.4438, 41.1736, -16.6362



## Protanomaly

66.8357, 16.9010, -26.2450



## Deuteranomaly

67.0275, 17.6126, -15.8559



## Tritanomaly

67.2686, 31.0330, 0.0600

# Monochromacy



## Original Color

67.4438, 41.1736, -16.6362



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

68.3067, 11.8665, -3.5524

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.4438, 41.1736, -16.6362 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(242, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(242, 149, 219)  
}
```

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(242, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 149, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.4438, 41.1736, -16.6362 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(242, 149, 219) }
```



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

```
.border{ border-color:rgb(242, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(242, 149,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.4438, 41.1736, -16.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 149, 219) }
```

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

```
.background{ background-color: rgb(242,  
149, 219) }
```

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