

Converting Colors

HunterLab(66.2081, 45.9974,
-37.7075)

Have a look what the booklet for
HunterLab(66.2081, 45.9974,
-37.7075) contains.

HunterLab(66.2417, 46.2838, -37.8590)	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(66.2417, 46.2838,
-37.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	E890F8
RGB	232, 144, 248
RGB Percent	91%, 56%, 97%
CMY	0.0902, 0.4353, 0.0274
CMYK	0.06, 0.42, 0.00, 0.03
HSL	291°, 88%, 77%
HSV	291°, 42%, 97%
XYZ	60.1953, 43.8796, 94.1039
YIQ	182.1680, 19.0640, 51.0000

Conversions

Conversions Part 2

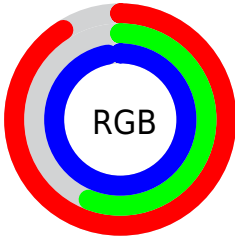
Format	Color
R _Y B	232, 144, 248
Decimal	15241464
CIE Lab	72.15, 49.43, -38.53
CIE LCh	72, 62.673, 322.068
Yxy	43.8815, 0.3037, 0.2214
Android (android.graphics.Color)	4293431544 (0xFFE890F8)
YUV	182.1680, 32.4552, 43.7027
Hunter-Lab	66.2417, 46.2838, -37.8590

Details

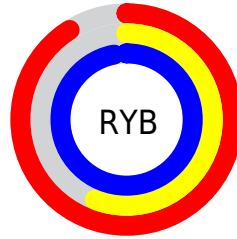
The HunterLab color **66.2417, 46.2838, -37.8590** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87.5346, -44.9042, 35.2791**, and the grayscale version is **68.3293, -3.6459, 3.7125**.

A 20% lighter version of the original color is **83.5395, 24.6237, -15.2376**, and **45.1195, 42.9864, -36.2156** is the 20% darker color. If you saturate the color by 10%, you get **60.4519, 58.4380, -48.8273**, and if you desaturate by 10%, it is **72.7203, 33.8271, -27.0041**.

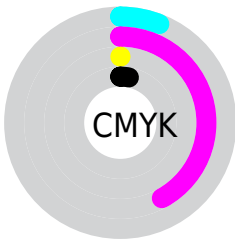
Distribution



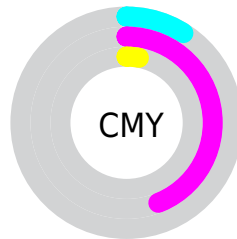
- Red (91%)
- Green (56%)
- Blue (97%)



- Red (91%)
- Yellow (56%)
- Blue (97%)



- Cyan (6%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2417, 46.2838, -37.8590 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 66.2417, 46.2838, -37.8590 by changing the saturation by 10% instead.

66.2417, 46.2838,
-37.8590

66.2417, 46.2838,
-37.8590

190.3220, 56.2952,
-41.9157

55.2968, 44.7066,
-37.2021

90.0219, 49.1139,
-39.0784

45.0303, 43.0191,
-36.5454

102.7920, 50.3830,
-39.6263

35.4919, 41.2204,
-35.9331

116.1147, 51.5624,
-40.1271

26.7422, 39.3263,
-35.4608

129.9678, 52.6578,
-40.5798

18.8600, 37.3944,
-35.3470

144.3318, 53.6743,
-40.9843

11.9540, 35.6205,
-36.1768

159.1892, 54.6166,

4.8778, 49.3568,

-41.3411

-52.8894

174.5241, 55.4890,
-41.6512

0.0000, INF, -NF

0.0000, NaN, -NF

■ 66.2417, 46.2838,
-37.8590

■ 66.2417, 46.2838,
-37.8590

■ 60.4519, 58.4380,
-48.8273

■ 72.7203, 33.8271,
-27.0041

■ 55.4632, 69.7720,
-59.5374

■ 79.7787, 21.3888,
-16.4664

■ 51.3916, 79.5380,
-69.3967

■ 87.3299, 9.1309,
-6.3211

■ 48.3232, 86.8772,
-77.6647


■ 95.3014, -2.8780,
3.4239


■ 46.2740, 91.1118,


■ 99.4088, -7.8436,

-83.6785

8.1508

 45.2291, 92.4403,
-86.9279

 99.7683, -6.5862,
8.5852

 99.7784, -6.5509,
8.5974

Harmonies

Analogous

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



66.2431, 18.6782, -66.5469



66.2417, 46.2838, -37.8590



66.2431, 61.0334, -4.1184

Triad

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



66.2431, 46.2819, -37.8570



66.2431, 4.3127, 37.5169



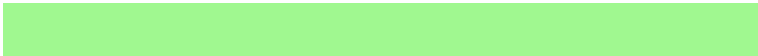
66.2431, -47.6012, -19.5093

Complementary

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



66.2417, 46.2838, -37.8590



87.5346, -44.9042, 35.2791

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.



66.2431, -50.1118, 10.4990



66.2417, 46.2838, -37.8590



66.2431, -23.1647, 36.2845

Square

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



66.2431, 46.2819, -37.8570



66.2431, 34.2335, 33.2330



66.2431, -41.9441, 28.5802



66.2431, -34.3765, -53.1660

Rectangle

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



66.2417, 46.2838, -37.8590



66.2431, 60.0918, 13.7404



66.2431, -41.9441, 28.5802



66.2431, -49.6228, -8.4360

Sweetspot

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



66.2431, 46.2819, -37.8570



89.2684, 10.7860, -7.6407



61.8991, 10.6297, -46.7362



40.4892, 6.2772, -4.5938

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2431, 46.2819, -37.8570



63.4477, 58.0272, -48.2962



66.8773, 45.0799, -14.0084



41.6910, 2.8889, -1.8280



33.3178, 68.0458, -63.6489



10.3124, 20.9483, -18.8244

Inverse Universe

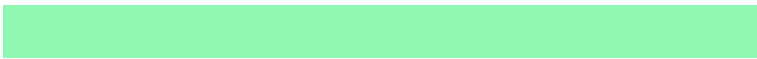
The Inverse Universe completely reimagines the original color for something new.



65.1482, 36.7711, 10.5190



62.1920, 46.6386, 12.7782



87.3535, -44.2129, 24.2247



41.5557, 1.8183, 2.7638



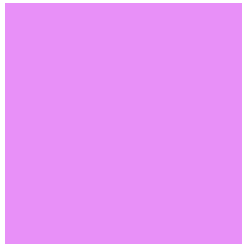
32.9687, 56.7294, 19.2144



10.0950, 17.4924, 4.9388

Previews

White Background



This preview shows how the HunterLab color 66.2417, 46.2838, -37.8590 looks on a white background.

Color Contrast Check

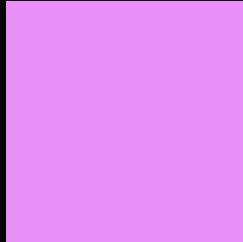
Large Text (above 18pt) WCAG AA × Fail

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 66.2417, 46.2838, -37.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

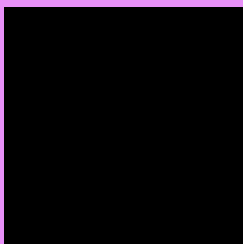
Any Text WCAG AA ✓ Pass

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 66.2417, 46.2838, -37.8590 Background



This preview shows how black text looks on a background with the HunterLab color 66.2417, 46.2838, -37.8590.



This preview shows how white text looks on a background with the HunterLab color 66.2417, 46.2838, -37.8590.

-37.8590.

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

66.2417, 46.2838, -37.8590

Protanopia

66.6778, 6.8398, -42.9191

Deuteranopia

66.5123, 5.0727, -33.8093



Tritanopia

66.0972, 20.0008, 5.6154

Trichromacy



Original Color

66.2417, 46.2838, -37.8590



Protanomaly

65.7894, 19.6293, -42.1144



Deuteranomaly

65.7822, 18.8516, -36.2764



Tritanomaly

65.9167, 29.1020, -8.0232

Monochromacy



Original Color

66.2417, 46.2838, -37.8590



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

66.8886, 13.6074, -10.3044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2417, 46.2838, -37.8590 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(232, 144, 248)` looks like.

```
.text, #text, p{  
    color:rgb(232, 144, 248)  
}
```

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(232, 144, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 144, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2417, 46.2838, -37.8590 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(232, 144, 248) }
```


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

```
.border{ border-color:rgb(232, 144, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 144, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 144, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 144, 248);  
box-shadow:4px 4px 4px 4px rgb(232, 144,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2417, 46.2838, -37.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 144, 248) }
```

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

```
.background{ background-color: rgb(232,  
144, 248) }
```

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