

Converting Colors

HunterLab(46.7904, 83.5234,
3.9292)

Have a look what the booklet for
HunterLab(46.7904, 83.5234,
3.9292) contains.

| | |
|--|----|
| HunterLab(46.8070, 83.5446, 3.9971) | 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(46.8070, 83.5446,
3.9971)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FA0081 |
| RGB | 250, 0, 129 |
| RGB Percent | 98%, 0%, 51% |
| CMY | 0.0196, 0.9998, 0.4941 |
| CMYK | 0.00, 1.00, 0.48, 0.02 |
| HSL | 329°, 100%, 49% |
| HSV | 329°, 100%, 98% |
| XYZ | 43.3868, 21.9090, 22.7110 |
| YIQ | 89.4560, 107.5910, 93.1190 |

Conversions

Conversions Part 2

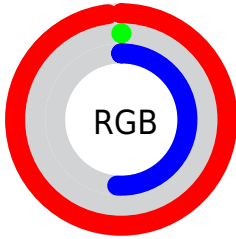
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 250, 0, 129 |
| Decimal | 16384129 |
| CIE _{Lab} | 53.93, 83.56, 1.96 |
| CIE _{LCh} | 54, 83.579, 1.344 |
| Yxy | 21.9103, 0.4930, 0.2490 |
| Android (android.graphics.Color) | 4294574209 (0xFFFA0081) |
| YUV | 89.4560, 19.4952, 140.7971 |
| Hunter-Lab | 46.8070, 83.5446, 3.9971 |

Details

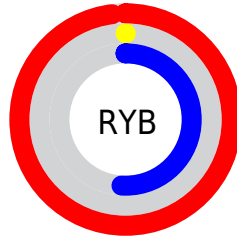
The HunterLab color **46.8070, 83.5446, 3.9971** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **83.5185, -65.7086, 37.4579**, and the grayscale version is **31.6901, -1.6909, 1.7218**.

A 20% lighter version of the original color is **57.9319, 65.4519, -8.4502**, and **33.3826, 58.9037, 8.1220** is the 20% darker color. If you saturate the color by 10%, you get **46.8061, 83.5414, 4.0091**, and if you desaturate by 10%, it is **47.9041, 82.3137, -0.2793**.

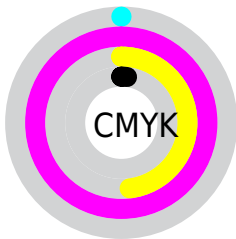
Distribution



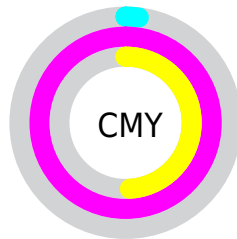
- Red (98%)
- Green (0%)
- Blue (51%)



- Red (98%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8070, 83.5446, 3.9971 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 46.8070, 83.5446, 3.9971 by changing the saturation by 10% instead.

46.8070, 83.5446,
3.9971

46.8070, 83.5446,
3.9971

161.8880,
103.8204, 11.0260

37.1362, 81.0611,
3.3607

68.2625, 88.5491,
5.3667

28.2408, 78.7645,
2.7550

79.9591, 90.9798,
6.0950

20.1971, 76.9721,
2.1821

92.2565, 93.3337,
6.8514

13.1072, 76.5289,
1.6419

105.1269, 95.6033,
7.6350

6.5974, 88.5840,
1.5913

118.5456, 97.7861,
8.4450

0.0000, INF, NaN

0.0000, INF, NaN

132.4912, 99.8821,

9.2807

0.0000, NaN, NaN

146.9444,
101.8927, 10.1412

0.0000, NaN, NaN

■ 46.8070, 83.5446,
3.9971

■ 46.8070, 83.5446,
3.9971

■ 46.8061, 83.5414,
4.0091

■ 47.9041, 82.3137,
-0.2793

■ 49.9171, 78.3333,
-3.7719

■ 53.0022, 71.4734,
-6.0745

■ 57.1322, 62.3723,
-7.0932

■ 62.2120, 51.8255,
-6.9207

■ 68.1194, 40.5199,
-5.7441

■ 74.7319, 28.9361,
-3.7686

■ 81.9404, 17.3625,
-1.1753

■ 89.6529, 5.9483,
1.8910

Harmonies

Analogous

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



46.8084, 70.7170, -38.7140



46.8070, 83.5446, 3.9971



46.8084, 68.3334, 24.8662

Triad

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



46.8084, 83.5395, 3.9985



46.8084, -32.1450, 30.7139



46.8084, -30.1530, -92.9406

Complementary

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



46.8070, 83.5446, 3.9971



83.5185, -65.7086, 37.4579

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.



46.8084, -46.6127, -43.3444



46.8070, 83.5446, 3.9971



46.8084, -47.5079, 23.7754

Square

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



46.8084, 83.5395, 3.9985



46.8084, -4.0400, 31.9309



46.8084, -51.9263, 1.0493



46.8084, -0.9400, -113.8690

Rectangle

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



46.8070, 83.5446, 3.9971



46.8084, 46.3224, 29.8499



46.8084, -51.9263, 1.0493



46.8084, -37.0292, -77.8831

Sweetspot

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



46.8084, 83.5395, 3.9985



76.3939, 29.6615, -3.8676



33.1039, 77.5302, -140.2289



33.9862, 16.0416, -2.2234

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8084, 83.5395, 3.9985



47.8682, 85.4302, 4.1527



45.0938, 77.2375, 28.9792



41.6830, 2.5026, 0.9482



34.1322, 60.9999, 2.3073



10.4901, 18.9367, -0.7567

Inverse Universe

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



46.8084, 83.5395, 3.9985



47.8682, 85.4302, 4.1527



86.6112, -46.8838, -7.0453



41.6830, 2.5026, 0.9482



34.1322, 60.9999, 2.3073



10.4901, 18.9367, -0.7567

Previews

White Background



This preview shows how the HunterLab color 46.8070, 83.5446, 3.9971 looks on a white background.

Color Contrast Check

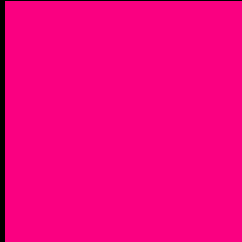
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8070, 83.5446, 3.9971 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.8070, 83.5446, 3.9971 Background



This preview shows how black text looks on a background with the HunterLab color 46.8070, 83.5446, 3.9971.



This preview shows how white text looks on a background with the HunterLab color 46.8070, 83.5446,

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

46.8070, 83.5446, 3.9971

Protanopia

47.3585, 4.8083, -28.8919

Deuteranopia

47.3885, 3.0394, 7.4178



Tritanopia

47.1163, 68.2807, 26.2871

Trichromacy



Original Color

46.8070, 83.5446, 3.9971



Protanomaly

40.3520, 38.3553, -26.7676



Deuteranomaly

41.6626, 39.3892, -0.3054



Tritanomaly

46.2295, 74.6477, 20.3063

Monochromacy



Original Color

46.8070, 83.5446, 3.9971



Achromatopsia

31.6068, -1.6865, 1.7173



Achromatomaly

31.9713, 34.3550, -3.9855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8070, 83.5446, 3.9971 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(250, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 129)  
}
```

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(250, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8070, 83.5446, 3.9971 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(250, 0, 129) }
```


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

```
.border{ border-color:rgb(250, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8070, 83.5446, 3.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 129) }
```

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

```
.background{ background-color: rgb(250, 0,  
129) }
```

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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