

Converting Colors

HunterLab(46.4937, 83.4476,
0.3867)

Have a look what the booklet for
HunterLab(46.4937, 83.4476,
0.3867) contains.

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Color

**HunterLab(46.4238, 83.3311,
0.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	F70088
RGB	247, 0, 136
RGB Percent	97%, 0%, 53%
CMY	0.0314, 0.9998, 0.4667
CMYK	0.00, 1.00, 0.45, 0.03
HSL	327°, 100%, 48%
HSV	327°, 100%, 97%
XYZ	42.8016, 21.5517, 25.1965
YIQ	89.3570, 103.5560, 94.6600

Conversions

Conversions Part 2

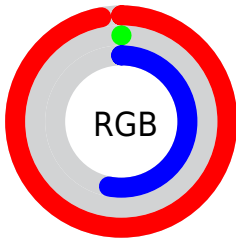
Format	Color
R_{YB}	247, 0, 136
Decimal	16187528
CIE _{Lab}	53.55, 83.47, -2.88
CIE _{LCh}	54, 83.515, 358.027
Yxy	21.5530, 0.4780, 0.2407
Android (android.graphics.Color)	4294377608 (0xFFFF70088)
YUV	89.3570, 22.9950, 138.2529
Hunter-Lab	46.4238, 83.3311, 0.3170

Details

The HunterLab color **46.4238, 83.3311, 0.3170** 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 **82.2622, -65.5522, 38.6905**, and the grayscale version is **31.6418, -1.6883, 1.7192**.

A 20% lighter version of the original color is **58.0254, 67.0118, -12.2652**, and **32.9825, 58.5698, 5.1402** is the 20% darker color. If you saturate the color by 10%, you get **46.4229, 83.3281, 0.3285**, and if you desaturate by 10%, it is **47.5068, 82.0919, -3.7926**.

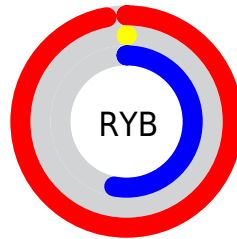
Distribution



Red (97%)

Green (0%)

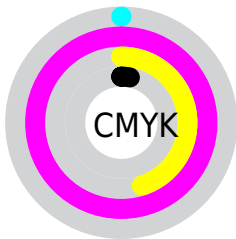
Blue (53%)



Red (97%)

Yellow (0%)

Blue (53%)

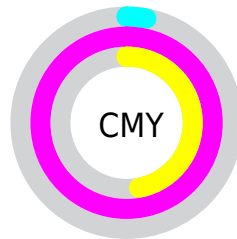


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4238, 83.3311, 0.3170 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 46.4238, 83.3311, 0.3170 by changing the saturation by 10% instead.

46.4238, 83.3311,
0.3170

46.4238, 83.3311,
0.3170

161.3080,
103.6116, 5.4800

36.7815, 80.8521,
-0.0497

67.8277, 88.3344,
1.1993

27.9172, 78.5665,
-0.3625

79.5008, 90.7658,
1.7040

19.9078, 76.8019,
-0.6121

91.7758, 93.1206,
2.2478

12.8569, 76.4354,
-0.7866

104.6247, 95.3912,
2.8281

6.2685, 91.2028,
-1.5606

118.0229, 97.5749,
3.4431

0.0000, INF, NaN

0.0000, INF, NaN

131.9487, 99.6718,

4.0911

0.0000, NaN, NaN

146.3829,
101.6832, 4.7705

0.0000, NaN, NaN

■ 46.4238, 83.3311,
0.3170

■ 46.4238, 83.3311,
0.3170

■ 46.4229, 83.3281,
0.3285

■ 47.5068, 82.0919,
-3.7926

■ 49.4824, 78.1335,
-7.0118

■ 52.5063, 71.3197,
-8.9544

■ 56.5537, 62.2743,
-9.5612

■ 61.5333, 51.7798,
-8.9561

■ 67.3267, 40.5163,
-7.3488

■ 73.8149, 28.9632,
-4.9572

■ 80.8908, 17.4106,
-1.9690

■ 88.4644, 6.0104,
1.4694

Harmonies

Analogous

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



46.4252, 67.5979, -44.3643



46.4238, 83.3311, 0.3170



46.4252, 71.0898, 23.3723

Triad

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



46.4252, 83.3261, 0.3185



46.4252, -29.5386, 30.7845



46.4252, -32.4479, -88.1577

Complementary

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



46.4238, 83.3311, 0.3170



82.2622, -65.5522, 38.6905

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.



46.4252, -47.4695, -37.5765



46.4238, 83.3311, 0.3170



46.4252, -46.1640, 24.9605

Square

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



46.4252, 83.3261, 0.3185



46.4252, -0.1909, 31.7064



46.4252, -51.6515, 4.6322



46.4252, -4.7248, -113.7240

Rectangle

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



46.4238, 83.3311, 0.3170



46.4252, 50.2570, 29.1371



46.4252, -51.6515, 4.6322



46.4252, -38.8114, -72.2947

Sweetspot

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



46.4252, 83.3261, 0.3185



76.4853, 30.1216, -5.1612



31.3793, 75.1274, -145.6127



34.0348, 16.2824, -2.9111

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4252, 83.3261, 0.3185



48.1296, 86.3806, 0.4252



44.5133, 76.3106, 28.0843



40.7863, 2.5028, 0.7570



33.8034, 60.7551, -0.3725



10.1242, 18.3835, -1.5625

Inverse Universe

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



46.4252, 83.3261, 0.3185



48.1296, 86.3806, 0.4252



85.0089, -48.7742, -0.9616



40.7863, 2.5028, 0.7570



33.8034, 60.7551, -0.3725



10.1242, 18.3835, -1.5625

Previews

White Background



This preview shows how the HunterLab color 46.4238, 83.3311, 0.3170 looks on a white background.

Color Contrast Check

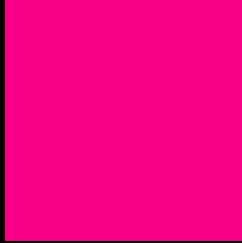
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.4238, 83.3311, 0.3170 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 46.4238, 83.3311, 0.3170 Background



This preview shows how black text looks on a background with the HunterLab color 46.4238, 83.3311, 0.3170.



This preview shows how white text looks on a background with the HunterLab color 46.4238, 83.3311,

0.3170.

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

46.4238, 83.3311, 0.3170

Protanopia

47.1470, 6.4531, -36.5105

Deuteranopia

46.9183, 3.2171, 4.0236



Tritanopia

46.8709, 66.3899, 25.4718

Trichromacy



Original Color

46.4238, 83.3311, 0.3170



Protanomaly

40.1360, 38.6653, -33.7463



Deuteranomaly

41.4401, 39.2748, -3.9932



Tritanomaly

45.8446, 73.4929, 18.6884

Monochromacy



Original Color

46.4238, 83.3311, 0.3170



Achromatopsia

31.6068, -1.6865, 1.7173



Achromatomaly

31.7456, 33.9532, -5.3108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4238, 83.3311, 0.3170 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(247, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 136)  
}
```

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(247, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4238, 83.3311, 0.3170 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(247, 0, 136) }
```


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

```
.border{ border-color:rgb(247, 0, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 0, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4238, 83.3311, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 136) }
```

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

```
.background{ background-color: rgb(247, 0,  
136) }
```

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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