

Converting Colors

HunterLab(46.8129, 83.6053,
3.6075)

Have a look what the booklet for
HunterLab(46.8129, 83.6053,
3.6075) contains.

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Color

**HunterLab(46.8356, 83.6484,
3.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0082
RGB	250, 0, 130
RGB Percent	98%, 0%, 51%
CMY	0.0196, 0.9998, 0.4902
CMYK	0.00, 1.00, 0.48, 0.02
HSL	329°, 100%, 49%
HSV	329°, 100%, 98%
XYZ	43.4536, 21.9357, 23.0629
YIQ	89.5700, 107.2700, 93.4300

Conversions

Conversions Part 2

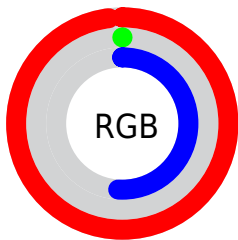
Format	Color
R_{YB}	250, 0, 130
Decimal	16384130
CIE _{Lab}	53.96, 83.63, 1.40
CIE _{LCh}	54, 83.643, 0.960
Yxy	21.9370, 0.4913, 0.2480
Android (android.graphics.Color)	4294574210 (0xFFFA0082)
YUV	89.5700, 19.9320, 140.6971
Hunter-Lab	46.8356, 83.6484, 3.5892

Details

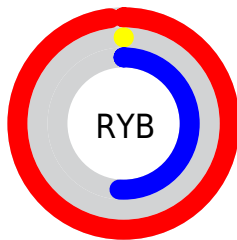
The HunterLab color **46.8356, 83.6484, 3.5892** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **83.5039, -65.7993, 37.6720**, and the grayscale version is **31.7310, -1.6931, 1.7240**.

A 20% lighter version of the original color is **57.9677, 65.6056, -8.9537**, and **33.4049, 58.9853, 7.7998** is the 20% darker color. If you saturate the color by 10%, you get **46.8347, 83.6452, 3.6014**, and if you desaturate by 10%, it is **47.9323, 82.4177, -0.6783**.

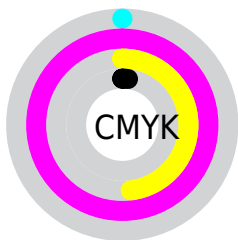
Distribution



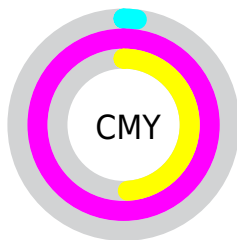
- Red (98%)
- Green (0%)
- Blue (51%)



- 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 46.8356, 83.6484, 3.5892 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 46.8356, 83.6484, 3.5892 by changing the saturation by 10% instead.

46.8356, 83.6484,
3.5892

46.8356, 83.6484,
3.5892

161.9313,
103.9384, 10.3990

37.1627, 81.1641,
2.9849

68.2949, 88.6554,
4.9012

28.2650, 78.8670,
2.4143

79.9932, 91.0876,
5.6031

20.2187, 77.0747,
1.8806

92.2924, 93.4431,
6.3346

13.1259, 76.6318,
1.3853

105.1643, 95.7144,
7.0944

6.6213, 88.5311,
1.2373

118.5846, 97.8989,
7.8816

0.0000, INF, NaN

0.0000, INF, NaN

132.5316, 99.9966,

8.6953

0.0000, NaN, NaN

146.9863,
102.0090, 9.5347

0.0000, NaN, NaN

■ 46.8356, 83.6484,
3.5892

■ 46.8356, 83.6484,
3.5892

■ 46.8347, 83.6452,
3.6014

■ 47.9323, 82.4177,
-0.6783

■ 49.9438, 78.4355,
-4.1479

■ 53.0266, 71.5714,
-6.4150

■ 57.1535, 62.4628,
-7.3894

■ 62.2298, 51.9053,
-7.1677

■ 68.1336, 40.5863,
-5.9401

■ 74.7426, 28.9870,
-3.9134

■ 81.9476, 17.3967,
-1.2701

■ 89.6566, 5.9651,
1.8447

Harmonies

Analogous

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



46.8370, 70.4608, -39.4159



46.8356, 83.6484, 3.5892



46.8370, 68.7577, 24.7374

Triad

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



46.8370, 83.6433, 3.5906



46.8370, -31.8947, 30.7720



46.8370, -30.4718, -92.5211

Complementary

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



46.8356, 83.6484, 3.5892



83.5039, -65.7993, 37.6720

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.



46.8370, -46.7865, -42.7247



46.8356, 83.6484, 3.5892



46.8370, -47.4258, 23.9586

Square

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



46.8370, 83.6433, 3.5906



46.8370, -3.6038, 31.9537



46.8370, -51.9749, 1.4838



46.8370, -1.3892, -114.0268

Rectangle

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



46.8356, 83.6484, 3.5892



46.8370, 46.8477, 29.8157



46.8370, -51.9749, 1.4838



46.8370, -37.2979, -77.3433

Sweetspot

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



46.8370, 83.6433, 3.5906



76.4044, 29.7143, -4.0161



32.6568, 77.0496, -142.7305



33.9918, 16.0693, -2.3023

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8370, 83.6433, 3.5906



47.8974, 85.5364, 3.7358



45.1040, 77.2750, 28.8288



41.6845, 2.5104, 0.9277



34.1530, 61.0756, 2.0104



10.4964, 18.9595, -0.8455

Inverse Universe

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



46.8370, 83.6433, 3.5906



47.8974, 85.5364, 3.7358



86.4652, -47.7558, -4.9803



41.6845, 2.5104, 0.9277



34.1530, 61.0756, 2.0104



10.4964, 18.9595, -0.8455

Previews

White Background



This preview shows how the HunterLab color 46.8356, 83.6484, 3.5892 looks on a white background.

Color Contrast Check

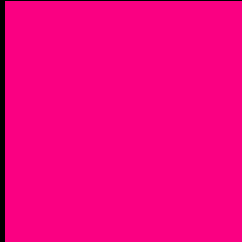
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8356, 83.6484, 3.5892 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 46.8356, 83.6484, 3.5892 Background



This preview shows how black text looks on a background with the HunterLab color 46.8356, 83.6484, 3.5892.



This preview shows how white text looks on a background with the HunterLab color 46.8356, 83.6484,

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

46.8356, 83.6484, 3.5892

Protanopia

47.4488, 5.2889, -30.1197

Deuteranopia

47.4139, 3.1760, 7.0518



Tritanopia

47.2194, 68.0225, 26.2079

Trichromacy



Original Color

46.8356, 83.6484, 3.5892



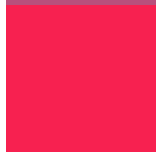
Protanomaly

40.4429, 38.7615, -27.9972



Deuteranomaly

41.6928, 39.5245, -0.7342



Tritanomaly

46.3045, 74.5115, 20.1193

Monochromacy



Original Color

46.8356, 83.6484, 3.5892



Achromatopsia

31.9753, -1.7061, 1.7373



Achromatomaly

32.0032, 34.4940, -4.4355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8356, 83.6484, 3.5892 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8356, 83.6484, 3.5892 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, 130) }
```


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

```
.border{ border-color:rgb(250, 0, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8356, 83.6484, 3.5892 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, 130) }
```

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

```
.background{ background-color: rgb(250, 0,  
130) }
```

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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