

Converting Colors

HunterLab(48.9003, 83.4710,
2.4860)

Have a look what the booklet for
HunterLab(48.9003, 83.4710,
2.4860) contains.

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Color

**HunterLab(48.8660, 83.3169,
2.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1B8A
RGB	255, 27, 138
RGB Percent	100%, 11%, 54%
CMY	0.0000, 0.8940, 0.4588
CMYK	0.00, 0.89, 0.46, 0.00
HSL	331°, 100%, 55%
HSV	331°, 89%, 100%
XYZ	46.2194, 23.8789, 26.2179
YIQ	107.8260, 100.2570, 82.8570

Conversions

Conversions Part 2

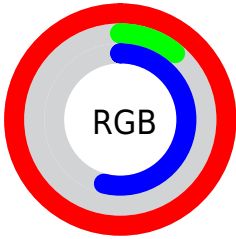
Format	Color
R_{YB}	255, 27, 138
Decimal	16718730
CIE _{Lab}	55.97, 82.98, -0.34
CIE _{LCh}	56, 82.983, 359.763
Yxy	23.8803, 0.4799, 0.2479
Android (android.graphics.Color)	4294908810 (0xFFFF1B8A)
YUV	107.8260, 14.8758, 129.0716
Hunter-Lab	48.8660, 83.3169, 2.3956

Details

The HunterLab color **48.8660, 83.3169, 2.3956** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **85.8882, -64.5770, 33.5705**, and the grayscale version is **38.5832, -2.0587, 2.0963**.

A 20% lighter version of the original color is **59.6129, 63.0648, -11.1860**, and **34.5124, 61.1450, 6.4760** is the 20% darker color. If you saturate the color by 10%, you get **47.7197, 84.6404, 6.8161**, and if you desaturate by 10%, it is **50.9910, 79.0921, -1.2816**.

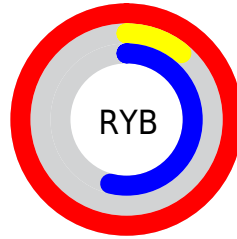
Distribution



Red (100%)

Green (11%)

Blue (54%)



Red (100%)

Yellow (11%)

Blue (54%)

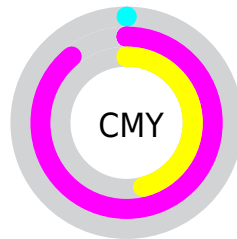


Cyan (0%)

Magenta (89%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.8660, 83.3169, 2.3956 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 48.8660, 83.3169, 2.3956 by changing the saturation by 10% instead.


 48.8660, 83.3169,
2.3956


 48.8660, 83.3169,
2.3956


164.9893,
103.3385, 8.5870


 39.0446, 80.8228,
1.8812


 70.5937, 88.2883,
3.5456


 29.9856, 78.4704,
1.4086


 82.4151, 90.6910,
4.1734


 21.7614, 76.5192,
0.9834

 94.8314, 93.0140,
4.8343

 14.4671, 75.6390,
0.6117

 107.8153, 95.2513,
5.5268

 8.1281, 79.4301,
0.2671

 121.3429, 97.4013,
6.2495

0.0000, INF, NaN

0.0000, INF, NaN

135.3934, 99.4645,

7.0011

0.0000, NaN, NaN

149.9478,
101.4427, 7.7806

0.0000, NaN, NaN

■ 48.8660, 83.3169,
2.3956

■ 48.8660, 83.3169,
2.3956

■ 47.7197, 84.6404,
6.8161

■ 50.9910, 79.0921,
-1.2816

■ 47.6638, 84.6856,
7.0802

■ 54.2216, 71.9634,
-3.8247

■ 58.5246, 62.6027,
-5.1194

■ 63.7979, 51.8259,
-5.2401

■ 69.9139, 40.3240,
-4.3595

76.7464, 28.5725,
-2.6728

84.1835, 16.8526,
-0.3557

92.1315, 5.3066,
2.4493

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



48.8674, 69.1828, -41.1537



48.8660, 83.3169, 2.3956



48.8674, 69.6009, 24.8031

Triad

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



48.8674, 83.3118, 2.3971



48.8674, -31.4473, 31.8792



48.8674, -31.8055, -89.7031

Complementary

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



48.8660, 83.3169, 2.3956



85.8882, -64.5770, 33.5705

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.



48.8674, -47.9947, -40.3451



48.8660, 83.3169, 2.3956



48.8674, -47.8320, 25.0043

Square

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



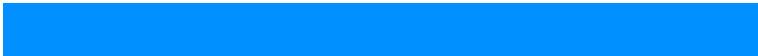
48.8674, 83.3118, 2.3971



48.8674, -2.3341, 33.0609



48.8674, -52.9341, 2.9214



48.8674, -2.8854, -112.3990

Rectangle

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



48.8660, 83.3169, 2.3956



48.8674, 48.2241, 30.5077



48.8674, -52.9341, 2.9214



48.8674, -38.5905, -74.5224

Sweetspot

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



48.8674, 83.3118, 2.3971



78.4797, 25.7503, -2.1683



36.9721, 77.3846, -127.5797



35.1721, 13.7717, -1.3303

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8674, 83.3118, 2.3971



47.6639, 84.6857, 7.0802



47.0367, 76.4296, 29.0124



42.5846, 2.5107, 1.1186



34.4976, 61.3739, 4.4951



10.8661, 19.5205, -0.0479

Inverse Universe

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



48.8674, 83.3118, 2.3971



47.6639, 84.6857, 7.0802



88.8669, -46.5238, -9.1751



42.5846, 2.5107, 1.1186



34.4976, 61.3739, 4.4951



10.8661, 19.5205, -0.0479

Previews

White Background



This preview shows how the HunterLab color 48.8660, 83.3169, 2.3956 looks on a white background.

Color Contrast Check

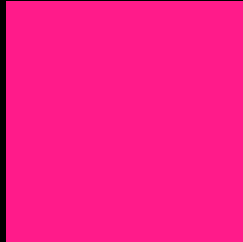
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8660, 83.3169, 2.3956 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 48.8660, 83.3169, 2.3956 Background



This preview shows how black text looks on a background with the HunterLab color 48.8660, 83.3169, 2.3956.



This preview shows how white text looks on a background with the HunterLab color 48.8660, 83.3169,

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

48.8660, 83.3169, 2.3956

Protanopia

49.3335, 5.1740, -32.2748

Deuteranopia

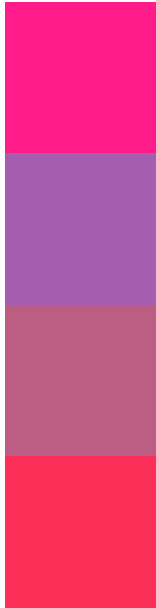
48.9710, 3.2065, 5.9223



Tritanopia

48.9524, 68.0772, 26.1783

Trichromacy



Original Color

48.8660, 83.3169, 2.3956

Protanomaly

43.7034, 34.8486, -27.4821

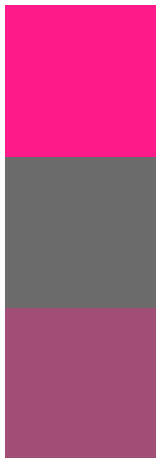
Deuteranomaly

44.8985, 35.7275, -0.0637

Tritanomaly

48.4077, 73.5615, 19.8084

Monochromacy



Original Color

48.8660, 83.3169, 2.3956

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.0801, 30.9706, -3.1666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8660, 83.3169, 2.3956 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(255, 27, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 27, 138)  
}
```

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(255, 27, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8660, 83.3169, 2.3956 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(255, 27, 138) }
```


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

```
.border{ border-color:rgb(255, 27, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 27, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8660, 83.3169, 2.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 138) }
```

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

```
.background{ background-color: rgb(255, 27,  
138) }
```

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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