

Converting Colors

HunterLab(48.9267, 83.2003,
2.2691)

Have a look what the booklet for
HunterLab(48.9267, 83.2003,
2.2691) contains.

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Color

**HunterLab(48.9137, 83.1539,
2.4506)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C8A
RGB	255, 28, 138
RGB Percent	100%, 11%, 54%
CMY	0.0000, 0.8901, 0.4588
CMYK	0.00, 0.89, 0.46, 0.00
HSL	331°, 100%, 55%
HSV	331°, 89%, 100%
XYZ	46.2427, 23.9255, 26.2256
YIQ	108.4130, 99.9820, 82.3340

Conversions

Conversions Part 2

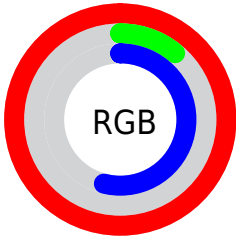
Format	Color
R_{YB}	255, 28, 138
Decimal	16718986
CIE _{Lab}	56.01, 82.85, -0.28
CIE _{LCh}	56, 82.848, 359.810
Yxy	23.9269, 0.4797, 0.2482
Android (android.graphics.Color)	4294909066 (0xFFFF1C8A)
YUV	108.4130, 14.5864, 128.5568
Hunter-Lab	48.9137, 83.1539, 2.4506

Details

The HunterLab color **48.9137, 83.1539, 2.4506** 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 **85.9142, -64.4330, 33.3170**, and the grayscale version is **38.8076, -2.0707, 2.1085**.

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 **47.7408, 84.5556, 6.8623**, and if you desaturate by 10%, it is **51.0822, 78.8080, -1.1982**.

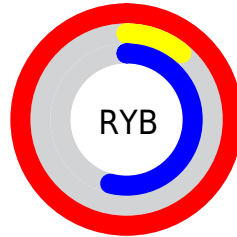
Distribution



Red (100%)

Green (11%)

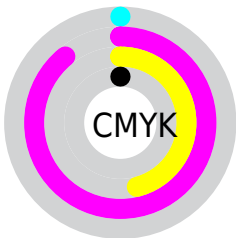
Blue (54%)



Red (100%)

Yellow (11%)

Blue (54%)

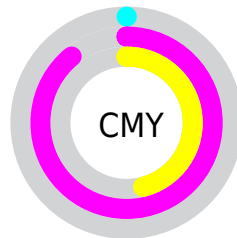


Cyan (0%)

Magenta (89%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.9137, 83.1539, 2.4506 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 48.9137, 83.1539, 2.4506 by changing the saturation by 10% instead.


 48.9137, 83.1539,
2.4506


 48.9137, 83.1539,
2.4506


165.0608,
103.1429, 8.6694


 39.0889, 80.6609,
1.9323


 70.6476, 88.1198,
3.6077


 30.0262, 78.3072,
1.4554


 82.4719, 90.5191,
4.2388


 21.7978, 76.3500,
1.0255

 94.8909, 92.8383,
4.9028

 14.4989, 75.4525,
0.6485

 107.8774, 95.0717,
5.5983

 8.1599, 79.1133,
0.3043

 121.4075, 97.2177,
6.3238

0.0000, INF, NaN

0.0000, INF, NaN

135.4603, 99.2769,

7.0782

0.0000, NaN, NaN

150.0171,
101.2511, 7.8604

0.0000, NaN, NaN

■ 48.9137, 83.1539,
2.4506

■ 48.9137, 83.1539,
2.4506

■ 47.7408, 84.5556,
6.8623

■ 51.0822, 78.8080,
-1.1982

■ 47.6486, 84.6299,
7.2995

■ 54.3573, 71.5790,
-3.7114

■ 58.7021, 62.1514,
-4.9815

■ 64.0128, 51.3404,
-5.0863

■ 70.1612, 39.8287,
-4.1987

77.0214, 28.0830,
-2.5128

84.4821, 16.3774,
-0.2025

92.4504, 4.8497,
2.5917

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.



48.9151, 69.0924, -40.9836



48.9137, 83.1539, 2.4506



48.9151, 69.4270, 24.8153

Triad

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



48.9151, 83.1488, 2.4521



48.9151, -31.4567, 31.8836



48.9151, -31.7439, -89.5440

Complementary

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



48.9137, 83.1539, 2.4506



85.9142, -64.4330, 33.3170

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.



48.9151, -47.9476, -40.3366



48.9137, 83.1539, 2.4506



48.9151, -47.8171, 24.9768

Square

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



48.9151, 83.1488, 2.4521



48.9151, -2.3916, 33.0771



48.9151, -52.9041, 2.8722



48.9151, -2.8332, -112.1060

Rectangle

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



48.9137, 83.1539, 2.4506



48.9151, 48.0787, 30.5190



48.9151, -52.9041, 2.8722



48.9151, -38.5323, -74.4191

Sweetspot

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



48.9151, 83.1488, 2.4521



78.4744, 25.7236, -2.0940



37.0944, 77.2244, -127.0073



35.1693, 13.7579, -1.2914

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9151, 83.1488, 2.4521



47.6486, 84.6300, 7.2995



47.0913, 76.2832, 28.9673



42.5837, 2.5062, 1.1304



34.4865, 61.3335, 4.6540



10.8626, 19.5078, 0.0017

Inverse Universe

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



48.9151, 83.1488, 2.4521



47.6486, 84.6300, 7.2995



88.8747, -46.4930, -9.1642



42.5837, 2.5062, 1.1304



34.4865, 61.3335, 4.6540



10.8626, 19.5078, 0.0017

Previews

White Background



This preview shows how the HunterLab color 48.9137, 83.1539, 2.4506 looks on a white background.

Color Contrast Check

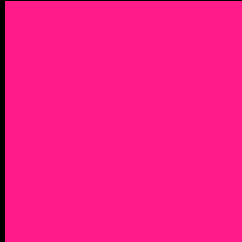
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9137, 83.1539, 2.4506 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 48.9137, 83.1539, 2.4506 Background



This preview shows how black text looks on a background with the HunterLab color 48.9137, 83.1539, 2.4506.



This preview shows how white text looks on a background with the HunterLab color 48.9137, 83.1539,

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

48.9137, 83.1539, 2.4506

Protanopia

49.2875, 4.9291, -31.6505

Deuteranopia

48.9710, 3.2065, 5.9223



Tritanopia

48.9633, 68.1211, 26.0175

Trichromacy



Original Color

48.9137, 83.1539, 2.4506



Protanomaly

43.8631, 34.1297, -26.5024



Deuteranomaly

44.8985, 35.7275, -0.0637



Tritanomaly

48.5084, 73.3592, 19.6231

Monochromacy



Original Color

48.9137, 83.1539, 2.4506



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 48.9137, 83.1539, 2.4506 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, 28, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 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, 28, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9137, 83.1539, 2.4506 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, 28, 138) }
```


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

```
.border{ border-color:rgb(255, 28, 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, 28, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9137, 83.1539, 2.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 138) }
```

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

```
.background{ background-color: rgb(255, 28,  
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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