

Converting Colors

HunterLab(49.0783, 81.7851,
2.2309)

Have a look what the booklet for
HunterLab(49.0783, 81.7851,
2.2309) contains.

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Color

**HunterLab(49.0703, 81.8412,
2.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	FE228B
RGB	254, 34, 139
RGB Percent	100%, 13%, 55%
CMY	0.0039, 0.8666, 0.4549
CMYK	0.00, 0.87, 0.45, 0.00
HSL	331°, 99%, 56%
HSV	331°, 87%, 100%
XYZ	46.1053, 24.0789, 26.6437
YIQ	111.7500, 97.4150, 79.2950

Conversions

Conversions Part 2

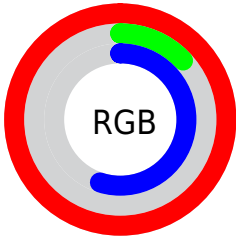
Format	Color
R_{YB}	254, 34, 139
Decimal	16654987
CIE _{Lab}	56.17, 81.79, -0.67
CIE _{LCh}	56, 81.798, 359.532
Yxy	24.0803, 0.4762, 0.2487
Android (android.graphics.Color)	4294845067 (0xFFFE228B)
YUV	111.7500, 13.4343, 124.7532
Hunter-Lab	49.0703, 81.8412, 2.1565

Details

The HunterLab color **49.0703, 81.8412, 2.1565** 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 **85.6707, -63.3955, 31.9948**, and the grayscale version is **40.0861, -2.1389, 2.1780**.

A 20% lighter version of the original color is **60.0025, 62.2521, -11.2139**, and **34.3477, 60.9213, 5.9170** is the 20% darker color. If you saturate the color by 10%, you get **47.7045, 83.8293, 6.4474**, and if you desaturate by 10%, it is **51.4963, 76.7795, -1.2637**.

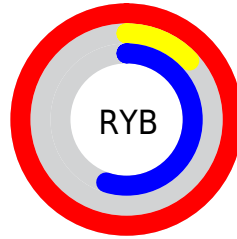
Distribution



Red (100%)

Green (13%)

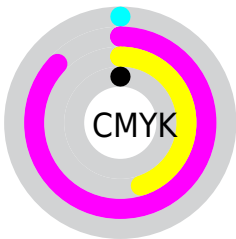
Blue (55%)



Red (100%)

Yellow (13%)

Blue (55%)

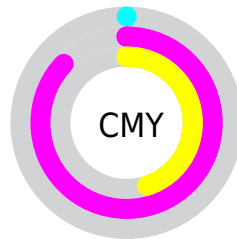


Cyan (0%)

Magenta (87%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.0703, 81.8412, 2.1565 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 49.0703, 81.8412, 2.1565 by changing the saturation by 10% instead.


 49.0703, 81.8412,
2.1565


 49.0703, 81.8412,
2.1565


165.2956,
101.5890, 8.2306


 39.2342, 79.3586,
1.6590


 70.8246, 86.7658,
3.2760


 30.1593, 77.0008,
1.2045


 82.6583, 89.1392,
3.8897


 21.9174, 75.0114,
0.7993

 95.0862, 91.4308,
4.5373

 14.6033, 74.0188,
0.4500

 108.0812, 93.6356,
5.2170

 8.2635, 77.1560,
0.1146

 121.6195, 95.7524,
5.9274

0.0000, INF, NaN

135.6802, 97.7821,

0.0000, INF, NaN

6.6671

0.0000, NaN, NaN

150.2445, 99.7267,
7.4352

0.0000, NaN, NaN

■ 49.0703, 81.8412,
2.1565

■ 49.0703, 81.8412,
2.1565

■ 47.7045, 83.8293,
6.4474

■ 51.4963, 76.7795,
-1.2637

■ 47.3883, 84.0779,
7.9545

■ 55.0247, 68.9887,
-3.5303

■ 59.5980, 59.2139,
-4.5804

■ 65.1033, 48.2505,
-4.5160

■ 71.4115, 36.7269,
-3.5146

■ 78.3997, 25.0555,
-1.7636

■ 85.9614, 13.4694,
0.5732

■ 94.0085, 2.0805,
3.3651

■ 99.9053, -5.6652,
5.3160

Harmonies

Analogous

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



49.0717, 67.7858, -40.7412



49.0703, 81.8412, 2.1565



49.0717, 68.5945, 24.5655

Triad

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



49.0717, 81.8362, 2.1580



49.0717, -30.9790, 31.8662



49.0717, -31.6800, -87.4526

Complementary

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



49.0703, 81.8412, 2.1565



85.6707, -63.3955, 31.9948

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.



49.0717, -47.6880, -39.1806



49.0703, 81.8412, 2.1565



49.0717, -47.3680, 24.9639

Square

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



49.0717, 81.8362, 2.1580



49.0717, -2.0833, 33.0759



49.0717, -52.5403, 3.1788



49.0717, -3.1563, -109.8711

Rectangle

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



49.0703, 81.8412, 2.1565



49.0717, 47.6934, 30.3932



49.0717, -52.5403, 3.1788



49.0717, -38.3859, -72.5926

Sweetspot

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



49.0717, 81.8362, 2.1580



79.1906, 24.4666, -1.6459



38.1670, 76.3968, -120.8034



35.4739, 13.1975, -1.0836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0717, 81.8362, 2.1580



47.5999, 84.4520, 8.0003



47.4900, 74.1761, 28.6699



42.5811, 2.4918, 1.1685



34.4511, 61.2043, 5.1622



10.8514, 19.4672, 0.1607

Inverse Universe

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



49.0717, 81.8362, 2.1580



47.5999, 84.4520, 8.0003



87.2209, -44.4998, -10.7728



42.5811, 2.4918, 1.1685



34.4511, 61.2043, 5.1622



10.8514, 19.4672, 0.1607

Previews

White Background



This preview shows how the HunterLab color 49.0703, 81.8412, 2.1565 looks on a white background.

Color Contrast Check

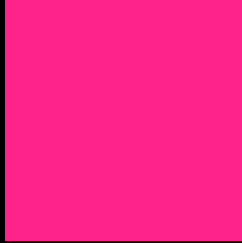
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0703, 81.8412, 2.1565 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 49.0703, 81.8412, 2.1565 Background



This preview shows how black text looks on a background with the HunterLab color 49.0703, 81.8412, 2.1565.



This preview shows how white text looks on a background with the HunterLab color 49.0703, 81.8412,

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

49.0703, 81.8412, 2.1565

Protanopia

49.3559, 5.1562, -31.5184

Deuteranopia

49.1218, 3.8197, 5.2675



Tritanopia

49.1319, 66.8715, 25.5922

Trichromacy



Original Color

49.0703, 81.8412, 2.1565



Protanomaly

44.4427, 33.6342, -26.1326



Deuteranomaly

45.3533, 35.0242, -0.4495



Tritanomaly

48.7037, 71.9976, 19.2226

Monochromacy



Original Color

49.0703, 81.8412, 2.1565



Achromatopsia

40.2529, -2.1478, 2.1870



Achromatomaly

39.5453, 30.0681, -2.7115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0703, 81.8412, 2.1565 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(254, 34, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 34, 139)  
}
```

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(254, 34, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 34, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0703, 81.8412, 2.1565 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(254, 34, 139) }
```


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

```
.border{ border-color:rgb(254, 34, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 34, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 34, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 34, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 34,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0703, 81.8412, 2.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 34, 139) }
```

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

```
.background{ background-color: rgb(254, 34,  
139) }
```

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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