

Converting Colors

HunterLab(52.1342, 85.9255,
6.1523)

Have a look what the booklet for
HunterLab(52.1342, 85.9255,
6.1523) contains.

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Color

**HunterLab(49.4785, 81.2416,
3.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	FF268A
RGB	255, 38, 138
RGB Percent	100%, 15%, 54%
CMY	0.0000, 0.8509, 0.4588
CMYK	0.00, 0.85, 0.46, 0.00
HSL	332°, 100%, 57%
HSV	332°, 85%, 100%
XYZ	46.5206, 24.4812, 26.3182
YIQ	114.2830, 97.2320, 77.1040

Conversions

Conversions Part 2

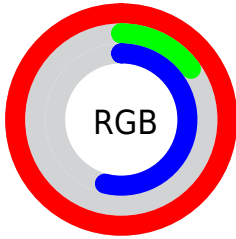
Format	Color
R_{YB}	255, 38, 138
Decimal	16721546
CIE _{Lab}	56.57, 81.25, 0.53
CIE _{LCh}	57, 81.250, 0.375
Yxy	24.4826, 0.4780, 0.2516
Android (android.graphics.Color)	4294911626 (0xFFFF268A)
YUV	114.2830, 11.6925, 123.4088
Hunter-Lab	49.4785, 81.2416, 3.0979

Details

The HunterLab color **49.4785, 81.2416, 3.0979** 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 **86.1973, -62.8797, 30.6766**, and the grayscale version is **41.0643, -2.1911, 2.2311**.

A 20% lighter version of the original color is **60.3245, 61.1077, -10.2035**, and **34.5124, 61.1450, 6.4760** is the 20% darker color. If you saturate the color by 10%, you get **47.9555, 83.6949, 7.3368**, and if you desaturate by 10%, it is **52.0884, 75.7119, -0.2690**.

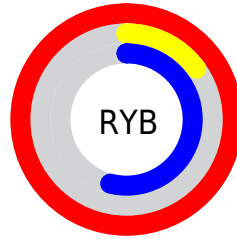
Distribution



Red (100%)

Green (15%)

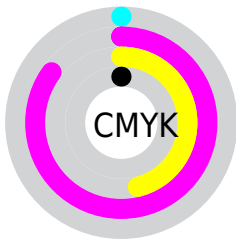
Blue (54%)



Red (100%)

Yellow (15%)

Blue (54%)

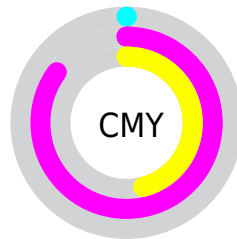


Cyan (0%)

Magenta (85%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (85%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4785, 81.2416, 3.0979 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 49.4785, 81.2416, 3.0979 by changing the saturation by 10% instead.

49.4785, 81.2416,
3.0979

49.4785, 81.2416,
3.0979

165.9071,
100.8409, 9.6399

39.6132, 78.7634,
2.5330

71.2858, 86.1413,
4.3393

30.5065, 76.3979,
2.0056

83.1438, 88.4985,
5.0091

22.2298, 74.3750,
1.5201

95.5948, 90.7729,
5.7100

14.8763, 73.2866,
1.0803

108.6120, 92.9599,
6.4407

8.5270, 75.6417,
0.7230

122.1716, 95.0586,
7.2000

0.0000, INF, NaN

0.0000, INF, NaN

136.2528, 97.0701,

7.9869

0.0000, NaN, NaN

150.8368, 98.9967,
8.8005

0.0000, NaN, NaN

■ 49.4785, 81.2416,
3.0979

■ 49.4785, 81.2416,
3.0979

■ 47.9555, 83.6949,
7.3368

■ 52.0884, 75.7119,
-0.2690

■ 47.4932, 84.0625,
9.5349

■ 55.8063, 67.5495,
-2.5038

■ 60.5621, 57.5329,
-3.5571

■ 66.2368, 46.4443,
-3.5336

■ 72.6994, 34.8801,
-2.6057

79.8282, 23.2206,
-0.9526

87.5185, 11.6752,
1.2697

95.6845, 0.3404,
3.9368

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.



49.4799, 68.0307, -38.9989



49.4785, 81.2416, 3.0979



49.4799, 67.3875, 24.9587

Triad

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



49.4799, 81.2366, 3.0994



49.4799, -31.5674, 31.9196



49.4799, -31.0052, -87.6855

Complementary

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



49.4785, 81.2416, 3.0979



86.1973, -62.8797, 30.6766

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.



49.4799, -47.3776, -40.2383



49.4785, 81.2416, 3.0979



49.4799, -47.6351, 24.6366

Square

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



49.4799, 81.2366, 3.0994



49.4799, -3.0707, 33.2591



49.4799, -52.5382, 2.2838



49.4799, -2.2134, -108.6924

Rectangle

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



49.4785, 81.2416, 3.0979



49.4799, 46.3707, 30.6476



49.4799, -52.5382, 2.2838



49.4799, -37.8333, -73.2110

Sweetspot

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



49.4799, 81.2366, 3.0994



79.1542, 24.2801, -1.1288



39.3098, 76.6130, -117.1306



35.4547, 13.1005, -0.8116

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4799, 81.2366, 3.0994



47.4933, 84.0626, 9.5349



48.2663, 72.8505, 28.7620



42.5750, 2.4595, 1.2543



34.3736, 60.9215, 6.2763



10.8268, 19.3778, 0.5114

Inverse Universe

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



49.4799, 81.2366, 3.0994



47.4933, 84.0626, 9.5349



86.3853, -43.0105, -12.4560



42.5750, 2.4595, 1.2543



34.3736, 60.9215, 6.2763



10.8268, 19.3778, 0.5114

Previews

White Background



This preview shows how the HunterLab color 49.4785, 81.2416, 3.0979 looks on a white background.

Color Contrast Check

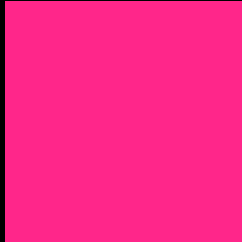
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4785, 81.2416, 3.0979 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 49.4785, 81.2416, 3.0979 Background



This preview shows how black text looks on a background with the HunterLab color 49.4785, 81.2416, 3.0979.



This preview shows how white text looks on a background with the HunterLab color 49.4785, 81.2416,

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

49.4785, 81.2416, 3.0979

Protanopia

49.7514, 4.8625, -29.3833

Deuteranopia

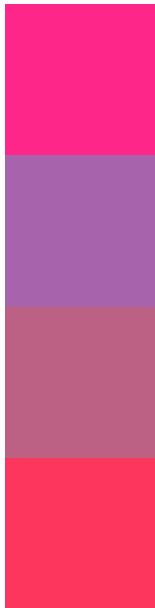
49.4636, 3.5174, 6.0617



Tritanopia

49.4428, 66.9653, 25.6417

Trichromacy



Original Color

49.4785, 81.2416, 3.0979

Protanomaly

45.0174, 32.8505, -23.7551

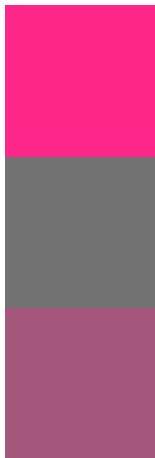
Deuteranomaly

45.8630, 34.2658, 0.6397

Tritanomaly

49.0984, 71.8460, 19.2850

Monochromacy



Original Color

49.4785, 81.2416, 3.0979

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.1061, 29.5990, -2.4709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4785, 81.2416, 3.0979 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, 38, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 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, 38, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4785, 81.2416, 3.0979 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, 38, 138) }
```


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

```
.border{ border-color:rgb(255, 38, 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, 38, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4785, 81.2416, 3.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 138) }
```

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

```
.background{ background-color: rgb(255, 38,  
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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