

Converting Colors

HunterLab(49.4204, 81.0219,
3.9269)

Have a look what the booklet for
HunterLab(49.4204, 81.0219,
3.9269) contains.

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Color

**HunterLab(49.4204, 81.0219,
3.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2688
RGB	255, 38, 136
RGB Percent	100%, 15%, 53%
CMY	0.0000, 0.8509, 0.4667
CMYK	0.00, 0.85, 0.47, 0.00
HSL	333°, 100%, 57%
HSV	333°, 85%, 100%
XYZ	46.3770, 24.4238, 25.5624
YIQ	114.0550, 97.8740, 76.4820

Conversions

Conversions Part 2

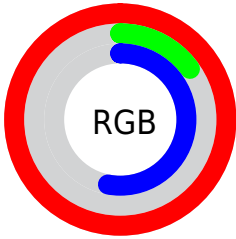
Format	Color
R_{YB}	255, 38, 136
Decimal	16721544
CIE _{Lab}	56.51, 81.09, 1.64
CIE _{LCh}	57, 81.104, 1.158
Yxy	24.4252, 0.4813, 0.2535
Android (android.graphics.Color)	4294911624 (0xFFFF2688)
YUV	114.0550, 10.8189, 123.6088
Hunter-Lab	49.4204, 81.0219, 3.9269

Details

The HunterLab color **49.4204, 81.0219, 3.9269** 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 **86.2365, -62.6378, 30.1042**, and the grayscale version is **40.9796, -2.1866, 2.2265**.

A 20% lighter version of the original color is **60.2520, 60.7875, -9.1843**, and **34.4885, 61.0578, 6.8196** is the 20% darker color. If you saturate the color by 10%, you get **47.8970, 83.4796, 8.1774**, and if you desaturate by 10%, it is **52.0333, 75.4933, 0.5131**.

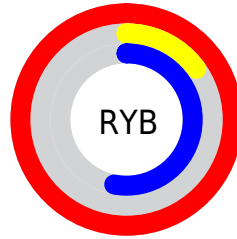
Distribution



Red (100%)

Green (15%)

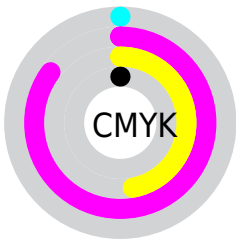
Blue (53%)



Red (100%)

Yellow (15%)

Blue (53%)

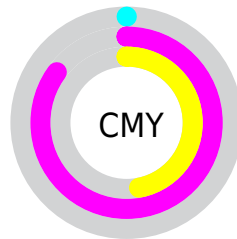


Cyan (0%)

Magenta (85%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.4204, 81.0219, 3.9269 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 49.4204, 81.0219, 3.9269 by changing the saturation by 10% instead.


 49.4204, 81.0219,
3.9269


 49.4204, 81.0219,
3.9269


165.8201,
100.5892, 10.8932


 39.5592, 78.5458,
3.3005


 71.2202, 85.9157,
5.2792


 30.4571, 76.1816,
2.7063


 83.0747, 88.2695,
5.9999


 22.1853, 74.1588,
2.1469

 95.5225, 90.5403,
6.7491

 14.8374, 73.0691,
1.6234

 108.5365, 92.7235,
7.5260

 8.4900, 75.4817,
1.2622

 122.0930, 94.8184,
8.3297

0.0000, INF, NaN

0.0000, INF, NaN

136.1713, 96.8261,

9.1592

0.0000, NaN, NaN

150.7526, 98.7488,
10.0140

0.0000, NaN, NaN

■ 49.4204, 81.0219,
3.9269

■ 49.4204, 81.0219,
3.9269

■ 47.8970, 83.4796,
8.1774

■ 52.0333, 75.4933,
0.5131

■ 47.4353, 83.8510,
10.3688

■ 55.7564, 67.3393,
-1.7974

■ 60.5189, 57.3397,
-2.9462

■ 66.2011, 46.2762,
-3.0296

■ 72.6717, 34.7434,
-2.2138

79.8085, 23.1200,
-0.6742

87.5068, 11.6136,
1.4355

95.6805, 0.3194,
3.9920

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



49.4218, 68.5187, -37.6158



49.4204, 81.0219, 3.9269



49.4218, 66.5406, 25.2402

Triad

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



49.4218, 81.0169, 3.9283



49.4218, -32.0809, 31.7866



49.4218, -30.3508, -88.4635

Complementary

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



49.4204, 81.0219, 3.9269



86.2365, -62.6378, 30.1042

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.



49.4218, -47.0122, -41.4268



49.4204, 81.0219, 3.9269



49.4218, -47.8050, 24.2480

Square

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



49.4218, 81.0169, 3.9283



49.4218, -3.9516, 33.2109



49.4218, -52.4336, 1.4191



49.4218, -1.3139, -108.3620

Rectangle

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



49.4204, 81.0219, 3.9269



49.4218, 45.3232, 30.7322



49.4218, -52.4336, 1.4191



49.4218, -37.2771, -74.2259

Sweetspot

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



49.4218, 81.0169, 3.9283



79.1339, 24.1761, -0.8402



39.3097, 76.6130, -117.1306



35.4440, 13.0465, -0.6599

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4218, 81.0169, 3.9283



47.4354, 83.8511, 10.3688



48.2663, 72.8504, 28.7619



42.5717, 2.4414, 1.3023



34.3315, 60.7677, 6.8824



10.8133, 19.3288, 0.7036

Inverse Universe

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



49.4218, 81.0169, 3.9283



47.4354, 83.8511, 10.3688



86.3853, -43.0105, -12.4560



42.5717, 2.4414, 1.3023



34.3315, 60.7677, 6.8824



10.8133, 19.3288, 0.7036

Previews

White Background



This preview shows how the HunterLab color 49.4204, 81.0219, 3.9269 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 49.4204, 81.0219, 3.9269 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 49.4204, 81.0219, 3.9269 Background



This preview shows how black text looks on a background with the HunterLab color 49.4204, 81.0219, 3.9269.



This preview shows how white text looks on a background with the HunterLab color 49.4204, 81.0219,

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

49.4204, 81.0219, 3.9269

Protanopia

49.6889, 4.3877, -27.4333

Deuteranopia

49.5088, 3.5636, 6.9312



Tritanopia

49.4428, 66.9653, 25.6417

Trichromacy



Original Color

49.4204, 81.0219, 3.9269



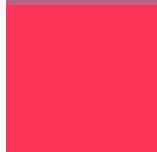
Protanomaly

44.8896, 32.2500, -22.0047



Deuteranomaly

45.9437, 34.3637, 1.6579



Tritanomaly

49.0807, 71.7758, 19.5435

Monochromacy



Original Color

49.4204, 81.0219, 3.9269



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

40.0750, 29.4533, -2.0310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4204, 81.0219, 3.9269 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4204, 81.0219, 3.9269 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, 136) }
```


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

```
.border{ border-color:rgb(255, 38, 136) }
```

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, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4204, 81.0219, 3.9269 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, 136) }
```

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

```
.background{ background-color: rgb(255, 38,  
136) }
```

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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