

Converting Colors

HunterLab(55.9006, 93.3126,
9.1209)

Have a look what the booklet for
HunterLab(55.9006, 93.3126,
9.1209) contains.

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Color

**HunterLab(49.4720, 82.1151,
1.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF248E
RGB	255, 36, 142
RGB Percent	100%, 14%, 56%
CMY	0.0000, 0.8587, 0.4431
CMYK	0.00, 0.86, 0.44, 0.00
HSL	331°, 100%, 57%
HSV	331°, 86%, 100%
XYZ	46.7534, 24.4748, 27.8512
YIQ	113.5650, 96.4980, 79.3940

Conversions

Conversions Part 2

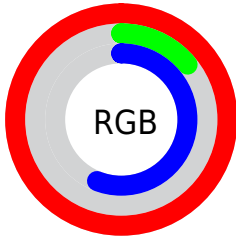
Format	Color
R_{YB}	255, 36, 142
Decimal	16721038
CIE _{Lab}	56.56, 81.93, -1.85
CIE _{LCh}	57, 81.953, 358.705
Yxy	24.4762, 0.4719, 0.2470
Android (android.graphics.Color)	4294911118 (0xFFFF248E)
YUV	113.5650, 14.0185, 124.0385
Hunter-Lab	49.4720, 82.1151, 1.2520

Details

The HunterLab color **49.4720, 82.1151, 1.2520** 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 **86.0617, -63.6722, 32.3206**, and the grayscale version is **40.7802, -2.1759, 2.2157**.

A 20% lighter version of the original color is **60.2926, 62.2519, -12.5294**, and **34.6109, 61.5048, 5.0589** is the 20% darker color. If you saturate the color by 10%, you get **48.0305, 84.3218, 5.5029**, and if you desaturate by 10%, it is **51.9862, 76.8129, -2.0689**.

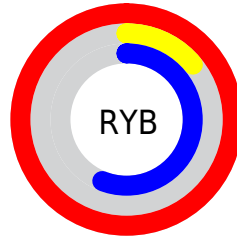
Distribution



Red (100%)

Green (14%)

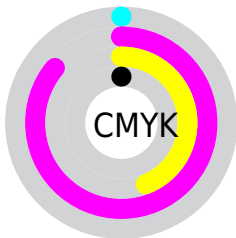
Blue (56%)



Red (100%)

Yellow (14%)

Blue (56%)

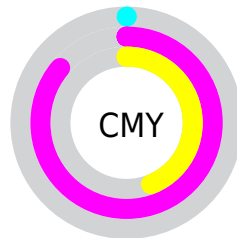


Cyan (0%)

Magenta (86%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4720, 82.1151, 1.2520 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 49.4720, 82.1151, 1.2520 by changing the saturation by 10% instead.

49.4720, 82.1151,
1.2520

49.4720, 82.1151,
1.2520

165.8973,
101.8668, 6.8932

39.6071, 79.6290,
0.8162

71.2785, 87.0417,
2.2593

30.5010, 77.2632,
0.4282

83.1360, 89.4153,
2.8213

22.2248, 75.2539,
0.0958

95.5867, 91.7070,
3.4196

14.8720, 74.2086,
-0.1723

108.6035, 93.9120,
4.0520

8.5229, 76.6958,
-0.4368

122.1628, 96.0289,
4.7170

0.0000, INF, NaN

0.0000, INF, NaN

136.2436, 98.0589,

5.4130

0.0000, NaN, NaN

150.8274,
100.0040, 6.1388

0.0000, NaN, NaN

■ 49.4720, 82.1151,
1.2520

■ 49.4720, 82.1151,
1.2520

■ 48.0305, 84.3218,
5.5029

■ 51.9862, 76.8129,
-2.0689

■ 47.6449, 84.6164,
7.3528

■ 55.6051, 68.8081,
-4.1985

■ 60.2662, 58.8631,
-5.0947

■ 65.8540, 47.7704,
-4.8743

■ 72.2391, 36.1471,
-3.7230

79.2991, 24.3943,
-1.8311

86.9286, 12.7368,
0.6376

95.0403, 1.2813,
3.5532

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.



49.4734, 67.3044, -42.2623



49.4720, 82.1151, 1.2520



49.4734, 69.5487, 24.3492

Triad

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



49.4734, 82.1101, 1.2535



49.4734, -30.5120, 32.1720



49.4734, -32.4624, -86.5640

Complementary

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



49.4720, 82.1151, 1.2520



86.0617, -63.6722, 32.3206

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.



49.4734, -48.2328, -37.9332



49.4720, 82.1151, 1.2520



49.4734, -47.3415, 25.4605

Square

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



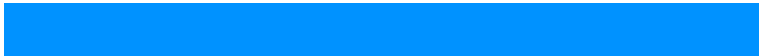
49.4734, 82.1101, 1.2535



49.4734, -1.1426, 33.3188



49.4734, -52.8352, 4.0904



49.4734, -4.1246, -110.1223

Rectangle

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



49.4720, 82.1151, 1.2520



49.4734, 48.8639, 30.4485



49.4734, -52.8352, 4.0904



49.4734, -39.0898, -71.4811

Sweetspot

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



49.4734, 82.1101, 1.2535



79.2057, 24.5434, -1.8591



38.1439, 75.7391, -122.2259



35.4818, 13.2374, -1.1958

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4734, 82.1101, 1.2535



47.6449, 84.6164, 7.3528



47.5928, 74.9506, 28.5569



42.5835, 2.5051, 1.1332



34.4838, 61.3237, 4.6927



10.8618, 19.5047, 0.0138

Inverse Universe

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



49.4734, 82.1101, 1.2535



47.6449, 84.6164, 7.3528



88.9469, -46.2085, -9.0637



42.5835, 2.5051, 1.1332



34.4838, 61.3237, 4.6927



10.8618, 19.5047, 0.0138

Previews

White Background



This preview shows how the HunterLab color 49.4720, 82.1151, 1.2520 looks on a white background.

Color Contrast Check

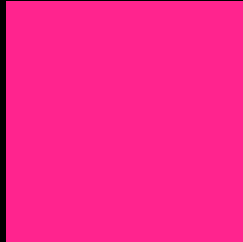
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4720, 82.1151, 1.2520 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 49.4720, 82.1151, 1.2520 Background



This preview shows how black text looks on a background with the HunterLab color 49.4720, 82.1151, 1.2520.



This preview shows how white text looks on a background with the HunterLab color 49.4720, 82.1151,

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

49.4720, 82.1151, 1.2520

Protanopia

49.8182, 5.6333, -33.5095

Deuteranopia

49.7471, 3.2871, 4.6942



Tritanopia

49.5675, 66.6674, 25.5451

Trichromacy



Original Color

49.4720, 82.1151, 1.2520



Protanomaly

44.7847, 33.7433, -27.5747



Deuteranomaly

45.9845, 34.8337, -1.0869



Tritanomaly

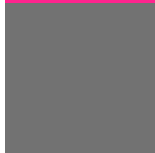
49.1344, 71.9889, 18.7583

Monochromacy



Original Color

49.4720, 82.1151, 1.2520



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

40.1374, 29.7460, -2.9147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4720, 82.1151, 1.2520 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, 36, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 142)  
}
```

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, 36, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4720, 82.1151, 1.2520 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, 36, 142) }
```


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

```
.border{ border-color:rgb(255, 36, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 36, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4720, 82.1151, 1.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 142) }
```

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

```
.background{ background-color: rgb(255, 36,  
142) }
```

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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