

Converting Colors

HunterLab(49.3030, 72.4620,
2.9036)

Have a look what the booklet for
HunterLab(49.3030, 72.4620,
2.9036) contains.

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Color

**HunterLab(49.2682, 72.3122,
2.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	F53A8A
RGB	245, 58, 138
RGB Percent	96%, 23%, 54%
CMY	0.0392, 0.7725, 0.4588
CMYK	0.00, 0.76, 0.44, 0.04
HSL	334°, 90%, 59%
HSV	334°, 76%, 96%
XYZ	43.7567, 24.2736, 26.4238
YIQ	123.0330, 85.7720, 64.5240

Conversions

Conversions Part 2

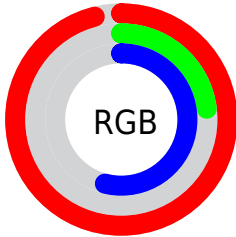
Format	Color
R_{YB}	245, 58, 138
Decimal	16071306
CIE _{Lab}	56.36, 74.17, 0.01
CIE _{LCh}	56, 74.172, 0.009
Yxy	24.2749, 0.4633, 0.2570
Android (android.graphics.Color)	4294261386 (0xFFFF53A8A)
YUV	123.0330, 7.3787, 106.9651
Hunter-Lab	49.2682, 72.3122, 2.6890

Details

The HunterLab color **49.2682, 72.3122, 2.6890** 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 **83.0191, -56.7188, 24.7359**, and the grayscale version is **44.4692, -2.3728, 2.4161**.

A 20% lighter version of the original color is **62.4024, 55.5685, -7.4068**, and **32.8205, 58.3528, 4.5669** is the 20% darker color. If you saturate the color by 10%, you get **46.8867, 77.2778, 6.1391**, and if you desaturate by 10%, it is **52.7186, 64.7856, 0.2008**.

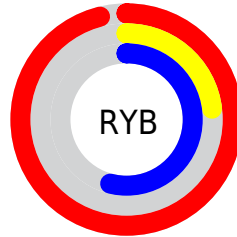
Distribution



Red (96%)

Green (23%)

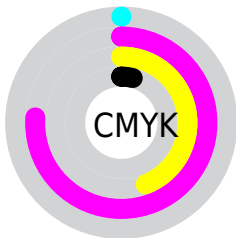
Blue (54%)



Red (96%)

Yellow (23%)

Blue (54%)

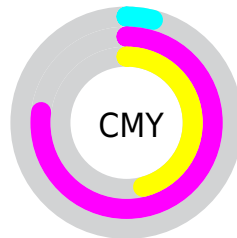


Cyan (0%)

Magenta (76%)

Yellow (44%)

Black (4%)



Cyan (4%)


Magenta (77%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.2682, 72.3122, 2.6890 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 49.2682, 72.3122, 2.6890 by changing the saturation by 10% instead.


 49.2682, 72.3122,
2.6890


 49.2682, 72.3122,
2.6890


165.5921, 90.2839,
9.0264


 39.4179, 69.9359,
2.1535


 71.0482, 76.9099,
3.8770


 30.3276, 67.6051,
1.6581


 82.8936, 79.0904,
4.5223


 22.0688, 65.4928,
1.2078

 95.3328, 81.1797,
5.1998

 14.7355, 64.0571,
0.8078

 108.3385, 83.1766,
5.9082

 8.3923, 65.5578,
0.4623

 121.8872, 85.0826,
6.6462

0.0000, INF, NaN

0.0000, INF, NaN

135.9578, 86.9003,

7.4125

0.0000, NaN, NaN

150.5317, 88.6329,
8.2062

0.0000, NaN, NaN

■ 49.2682, 72.3122,
2.6890

■ 49.2682, 72.3122,
2.6890

■ 46.8867, 77.2778,
6.1391

■ 52.7186, 64.7856,
0.2008

■ 45.5336, 79.3437,
10.2524


■ 57.1711, 55.4422,
-1.2342


■ 45.1977, 79.6500,
11.7829


■ 62.5149, 45.0314,
-1.6729


■ 68.6240, 34.1377,
-1.2536

■ 75.3802, 23.1378,
-0.1329

 82.6813, 12.2408,
1.5462

 90.4433, 1.5437,
3.6665

 98.5985, -8.9219,
6.1362

 99.0719, -8.5794,
4.2790

Harmonies

Analogous

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



49.2696, 60.3855, -34.9365



49.2682, 72.3122, 2.6890



49.2696, 60.3725, 23.4537

Triad

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



49.2696, 72.3077, 2.6904



49.2696, -29.0498, 30.8559



49.2696, -29.0377, -76.0908

Complementary

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



49.2682, 72.3122, 2.6890



83.0191, -56.7188, 24.7359

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.



49.2696, -44.3675, -34.9614



49.2682, 72.3122, 2.6890



49.2696, -44.3732, 23.4464

Square

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



49.2696, 72.3077, 2.6904



49.2696, -2.6405, 32.3681



49.2696, -49.2085, 2.6734



49.2696, -2.6226, -94.4549

Rectangle

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



49.2682, 72.3122, 2.6890



49.2696, 41.8492, 29.3534



49.2696, -49.2085, 2.6734



49.2696, -35.3978, -63.5812

Sweetspot

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



49.2696, 72.3077, 2.6904



81.3276, 20.4640, 0.3781



41.8445, 68.8199, -95.4121



36.3775, 11.3876, -0.0882

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2696, 72.3077, 2.6904



48.1134, 82.5038, 8.8976



49.1514, 61.5763, 26.5339



40.7433, 2.2723, 1.3685



33.2139, 58.6071, 8.0723



9.9485, 17.7464, 0.9298

Inverse Universe

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



49.2696, 72.3077, 2.6904



48.1134, 82.5038, 8.8976



80.9363, -37.4662, -14.0655



40.7433, 2.2723, 1.3685



33.2139, 58.6071, 8.0723



9.9485, 17.7464, 0.9298

Previews

White Background



This preview shows how the HunterLab color 49.2682, 72.3122, 2.6890 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 49.2682, 72.3122, 2.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

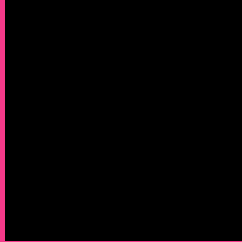
Any Text WCAG AA ✓ Pass

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 49.2682, 72.3122, 2.6890 Background



This preview shows how black text looks on a background with the HunterLab color 49.2682, 72.3122, 2.6890.



This preview shows how white text looks on a background with the HunterLab color 49.2682, 72.3122,

2.6890.

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

49.2682, 72.3122, 2.6890

Protanopia

49.5740, 3.4856, -23.6267

Deuteranopia

49.3932, 3.3346, 5.5640



Tritanopia

49.1410, 59.6610, 22.6286

Trichromacy



Original Color

49.2682, 72.3122, 2.6890

Protanomaly

46.0490, 27.3887, -18.2169

Deuteranomaly

46.7770, 29.2721, 1.6669

Tritanomaly

48.9199, 63.9382, 16.6512

Monochromacy



Original Color

49.2682, 72.3122, 2.6890

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

43.2408, 24.6172, -0.9261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2682, 72.3122, 2.6890 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(245, 58, 138)` looks like.

```
.text, #text, p{  
    color:rgb(245, 58, 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(245, 58, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 58, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2682, 72.3122, 2.6890 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(245, 58, 138) }
```


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

```
.border{ border-color:rgb(245, 58, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 58, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 58, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 58, 138);  
box-shadow:4px 4px 4px 4px rgb(245, 58,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2682, 72.3122, 2.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 58, 138) }
```

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

```
.background{ background-color: rgb(245, 58,  
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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