

Converting Colors

HunterLab(49.7034, 69.4166,
-4.1074)

Have a look what the booklet for
HunterLab(49.7034, 69.4166,
-4.1074) contains.

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Color

**HunterLab(49.7208, 69.6336,
-4.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	F04299
RGB	240, 66, 153
RGB Percent	94%, 26%, 60%
CMY	0.0588, 0.7411, 0.4000
CMYK	0.00, 0.72, 0.36, 0.06
HSL	330°, 85%, 60%
HSV	330°, 72%, 94%
XYZ	43.6331, 24.7216, 32.6090
YIQ	127.9440, 75.7770, 63.9450

Conversions

Conversions Part 2

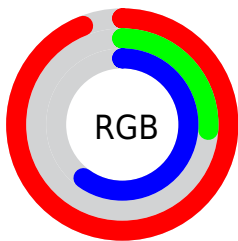
Format	Color
R _{YB}	240, 66, 153
Decimal	15745689
CIE Lab	56.80, 71.90, -8.29
CIE LCh	57, 72.377, 353.426
Yxy	24.7229, 0.4322, 0.2449
Android (android.graphics.Color)	4293935769 (0xFFFF04299)
YUV	127.9440, 12.3526, 98.2731
Hunter-Lab	49.7208, 69.6336, -4.0803

Details

The HunterLab color **49.7208, 69.6336, -4.0803** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **81.1043, -55.7503, 26.9655**, and the grayscale version is **46.3731, -2.4744, 2.5195**.

A 20% lighter version of the original color is **63.9873, 55.6555, -14.2950**, and **32.4700, 58.5602, -1.9203** is the 20% darker color. If you saturate the color by 10%, you get **47.0160, 75.5504, -1.4840**, and if you desaturate by 10%, it is **53.4379, 61.4209, -5.4927**.

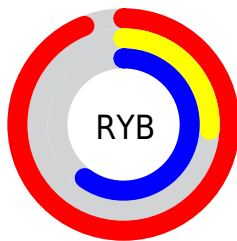
Distribution



Red (94%)

Green (26%)

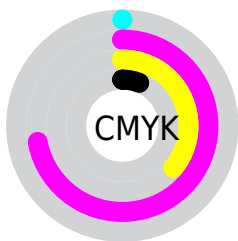
Blue (60%)



Red (94%)

Yellow (26%)

Blue (60%)

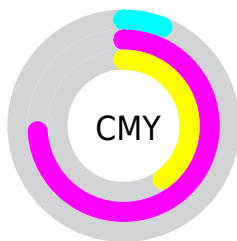


Cyan (0%)

Magenta (72%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (74%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7208, 69.6336, -4.0803 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 49.7208, 69.6336, -4.0803 by changing the saturation by 10% instead.

49.7208, 69.6336,
-4.0803

49.7208, 69.6336,
-4.0803

166.2694, 87.0172,
-0.7383

39.8381, 67.2986,
-4.1986

71.5593, 74.1170,
-3.6595

30.7128, 64.9847,
-4.2493

83.4317, 76.2325,
-3.3706

22.4154, 62.8414,
-4.2215

95.8964, 78.2545,
-3.0342

15.0388, 61.2664,
-4.1038

108.9267, 80.1831,
-2.6536

8.6793, 61.9079,
-3.9544

122.4988, 82.0204,
-2.2316

0.0000, INF, -NF

0.0000, INF, NaN

136.5921, 83.7695,

-1.7703

0.0000, NaN, NaN

151.1879, 85.4339,
-1.2720

0.0000, NaN, NaN

■ 49.7208, 69.6336,
-4.0803

■ 49.7208, 69.6336,
-4.0803

■ 47.0160, 75.5504,
-1.4840

■ 53.4379, 61.4209,
-5.4927

■ 45.3246, 78.6614,
2.1382


■ 58.0834, 51.6736,
-5.7647


■ 44.5883, 79.3996,
5.2400


■ 63.5450, 41.0763,
-5.0465


■ 69.7044, 30.1307,
-3.5250

■ 76.4540, 19.1477,
-1.3746

 83.7021, 8.2936,
1.2613

 91.3740, -2.3577,
4.2721

 98.4303, -11.2262,
6.4681

 98.6232, -10.1589,
3.7172

Harmonies

Analogous

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



49.7222, 53.4381, -43.0467



49.7208, 69.6336, -4.0803



49.7222, 63.0355, 20.1077

Triad

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



49.7222, 69.6295, -4.0788



49.7222, -23.7985, 31.4530



49.7222, -32.8744, -65.7203

Complementary

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



49.7208, 69.6336, -4.0803



81.1043, -55.7503, 26.9655

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.



49.7222, -45.6785, -24.8154



49.7208, 69.6336, -4.0803



49.7222, -41.3847, 25.7261

Square

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



49.7222, 69.6295, -4.0788



49.7222, 4.2044, 32.3030



49.7222, -48.3697, 8.6526



49.7222, -9.1629, -90.0813

Rectangle

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



49.7208, 69.6336, -4.0803



49.7222, 47.2321, 27.7453



49.7222, -48.3697, 8.6526



49.7222, -38.3423, -52.5898

Sweetspot

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



49.7222, 69.6295, -4.0788



82.2217, 20.0161, -1.3625



41.1848, 61.4826, -92.2244



37.1003, 10.7367, -0.9496

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7222, 69.6295, -4.0788



49.3678, 82.9208, 0.1503



47.7666, 61.6541, 24.1131



39.8631, 2.3433, 0.9900



33.0305, 58.8942, 3.2939



9.6318, 17.3675, -0.5422

Inverse Universe

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



49.7222, 69.6295, -4.0788



49.3678, 82.9208, 0.1503



83.5285, -41.1719, -7.7669



39.8631, 2.3433, 0.9900



33.0305, 58.8942, 3.2939



9.6318, 17.3675, -0.5422

Previews

White Background



This preview shows how the HunterLab color 49.7208, 69.6336, -4.0803 looks on a white background.

Color Contrast Check

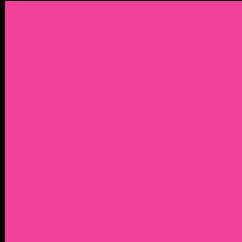
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7208, 69.6336, -4.0803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

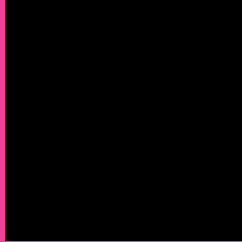
Any Text WCAG AA ✓ Pass

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 49.7208, 69.6336, -4.0803 Background



This preview shows how black text looks on a background with the HunterLab color 49.7208, 69.6336, -4.0803.



This preview shows how white text looks on a background with the HunterLab color 49.7208, 69.6336, -4.0803.

-4.0803.

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

49.7208, 69.6336, -4.0803

Protanopia

50.1642, 5.3524, -32.8578

Deuteranopia

49.9917, 3.4010, -0.4290



Tritanopia

49.5512, 54.1929, 20.4349

Trichromacy



Original Color

49.7208, 69.6336, -4.0803



Protanomaly

47.0174, 26.7442, -26.3677



Deuteranomaly

47.8201, 27.5175, -4.2764



Tritanomaly

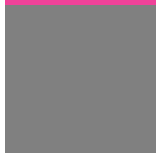
49.4794, 59.5300, 13.1625

Monochromacy



Original Color

49.7208, 69.6336, -4.0803



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

45.1047, 23.6803, -2.9023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7208, 69.6336, -4.0803 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(240, 66, 153)` looks like.

```
.text, #text, p{  
    color:rgb(240, 66, 153)  
}
```

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(240, 66, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 66, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7208, 69.6336, -4.0803 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(240, 66, 153) }
```


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

```
.border{ border-color:rgb(240, 66, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 66, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 66, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 66, 153);  
box-shadow:4px 4px 4px 4px rgb(240, 66,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7208, 69.6336, -4.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 66, 153) }
```

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

```
.background{ background-color: rgb(240, 66,  
153) }
```

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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