

# Converting Colors

HunterLab(48.8396, 48.1921,  
7.3849)

Have a look what the booklet for  
HunterLab(48.8396, 48.1921,  
7.3849) contains.

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# Color

**HunterLab(48.8396, 48.1921,  
7.3849)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5A7D
RGB	219, 90, 125
RGB Percent	86%, 35%, 49%
CMY	0.1412, 0.6470, 0.5098
CMYK	0.00, 0.59, 0.43, 0.14
HSL	344°, 64%, 61%
HSV	344°, 59%, 86%
XYZ	36.5713, 23.8531, 22.0786
YIQ	132.5610, 65.6490, 38.2330

# Conversions

## Conversions Part 2

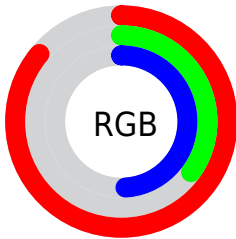
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 90, 125
Decimal	14375549
CIE Lab	55.94, 53.58, 6.54
CIE LCh	56, 53.973, 6.957
Yxy	23.8543, 0.4433, 0.2891
Android (android.graphics.Color)	4292565629 (0xFFDB5A7D)
YUV	132.5610, -3.7276, 75.8070
Hunter-Lab	48.8396, 48.1921, 7.3849

# Details

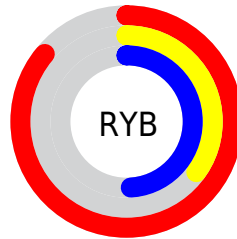
The HunterLab color **48.8396, 48.1921, 7.3849** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **75.0320, -40.4261, 9.6903**, and the grayscale version is **48.2544, -2.5747, 2.6218**.

A 20% lighter version of the original color is **66.8469, 41.3687, 5.0223**, and **30.0473, 44.3578, 5.7997** is the 20% darker color. If you saturate the color by 10%, you get **45.0692, 55.9848, 9.7030**, and if you desaturate by 10%, it is **53.4321, 39.4602, 5.6710**.

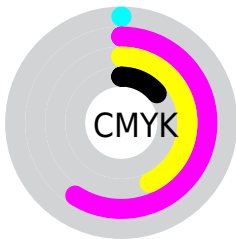
# Distribution



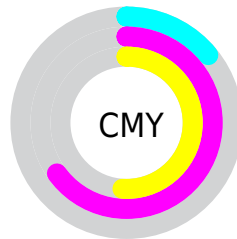
- Red (86%)
- Green (35%)
- Blue (49%)



- Red (86%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (59%)
- Yellow (43%)
- Black (14%)




- Cyan (14%)
- Magenta (65%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8396, 48.1921, 7.3849 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 48.8396, 48.1921, 7.3849 by changing the saturation by 10% instead.





 48.8396, 48.1921,  
7.3849


 48.8396, 48.1921,  
7.3849


164.9495, 60.7009,  
16.2850


 39.0200, 46.3006,  
6.4727

 70.5637, 51.6446,  
9.2479


 29.9631, 44.3235,  
5.5655


 82.3836, 53.2130,  
10.2011

 21.7411, 42.3110,  
4.6564

 94.7983, 54.6807,  
11.1709

 14.4494, 40.4275,  
3.7298

 107.7807, 56.0535,  
12.1580

 8.1104, 40.2255,  
3.7829

121.3070, 57.3368,  
13.1627

0.0000, INF, NaN

0.0000, NaN, NaN

135.3561, 58.5359,

14.1854

0.0000, NaN, NaN

149.9092, 59.6558,  
15.2261

0.0000, NaN, NaN

■ 48.8396, 48.1921,  
7.3849

■ 48.8396, 48.1921,  
7.3849

■ 45.0692, 55.9848,  
9.7030

■ 53.4321, 39.4602,  
5.6710

■ 42.2162, 62.1776,  
12.5308

■ 58.7270, 30.3291,  
4.5510

■ 40.3282, 66.1518,  
15.6520

■ 64.6153, 21.1363,  
3.9658

■ 39.3078, 67.8357,  
18.7145

■ 71.0013, 12.0672,  
3.8367

■ 39.2175, 67.9771,  
19.0156

■ 77.8066, 3.2045,  
4.0865

■ 84.9681, -5.4288,  
4.6480

■ 92.4354, -13.8410,  
5.4656

■ 96.7735, -16.9029,  
2.5687

■ 96.8504, -16.4722,  
1.4733

# Harmonies

## Analogous

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



48.8409, 43.9248, -16.3518



48.8396, 48.1921, 7.3849



48.8409, 36.9979, 21.4952

# Triad

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



48.8409, 48.1886, 7.3860



48.8409, -25.9950, 25.4378



48.8409, -18.4169, -52.4074

# Complementary

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



48.8396, 48.1921, 7.3849



75.0320, -40.4261, 9.6903

# 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.



48.8409, -32.5975, -29.1258



48.8396, 48.1921, 7.3849



48.8409, -36.3877, 16.1810

# Square

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



48.8409, 48.1886, 7.3860



48.8409, -7.7399, 28.4087



48.8409, -38.5649, -2.5945



48.8409, 2.7436, -58.3861



# Rectangle

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



48.8396, 48.1921, 7.3849



48.8409, 23.2937, 26.1062



48.8409, -38.5649, -2.5945



48.8409, -24.0329, -45.9594

# Sweetspot

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



48.8409, 48.1886, 7.3860



84.9470, 13.5425, 4.5662



47.3585, 52.2129, -53.8060



38.2394, 7.7154, 2.1053

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.8409, 48.1886, 7.3860



52.5191, 68.7329, 12.3864



53.6142, 31.1333, 22.8832



36.2067, 1.7166, 1.9006



30.2249, 52.4412, 14.2588



7.7858, 13.6887, 2.2768



# Inverse Universe

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



48.8409, 48.1886, 7.3860



52.5191, 68.7329, 12.3864



66.7627, -21.5315, -18.7546



36.2067, 1.7166, 1.9006



30.2249, 52.4412, 14.2588



7.7858, 13.6887, 2.2768



# Previews

## White Background



This preview shows how the HunterLab color 48.8396, 48.1921, 7.3849 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

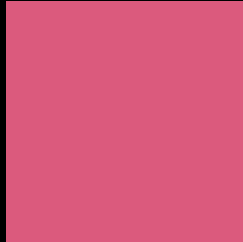
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.8396, 48.1921, 7.3849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

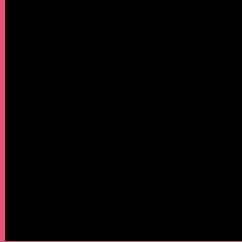
Any Text WCAG AA ✓ Pass

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 48.8396, 48.1921, 7.3849 Background



This preview shows how black text looks on a background with the HunterLab color 48.8396, 48.1921, 7.3849.



This preview shows how white text looks on a background with the HunterLab color 48.8396, 48.1921,



# 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

48.8396, 48.1921, 7.3849

### Protanopia

49.1505, -0.5020, -4.5291

### Deuteranopia

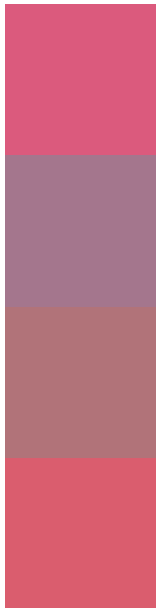
49.0607, 3.0990, 9.1935



## Tritanopia

48.8628, 42.5544, 15.9147

# Trichromacy



## Original Color

48.8396, 48.1921, 7.3849

## Protanomaly

47.7205, 15.9722, -1.6239

## Deuteranomaly

47.9469, 19.2662, 7.5133

## Tritanomaly

48.8466, 44.7658, 12.9770

# Monochromacy



## Original Color

48.8396, 48.1921, 7.3849

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

47.1453, 14.8017, 2.7504

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.8396, 48.1921, 7.3849 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(219, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(219, 90, 125)  
}
```

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(219, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 90, 125) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.8396, 48.1921, 7.3849 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(219, 90, 125) }
```



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

```
.border{ border-color:rgb(219, 90, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 90, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(219, 90,  
125) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.8396, 48.1921, 7.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 90, 125) }
```

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

```
.background{ background-color: rgb(219, 90,  
125) }
```

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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