

# Converting Colors

HunterLab(39.6574, 76.9885,  
-44.7149)

Have a look what the booklet for  
HunterLab(39.6574, 76.9885,  
-44.7149) contains.

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# Color

**HunterLab(39.6610, 76.9667,  
-44.4953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C700BB
RGB	199, 0, 187
RGB Percent	78%, 0%, 73%
CMY	0.2196, 0.9999, 0.2667
CMYK	0.00, 1.00, 0.06, 0.22
HSL	304°, 100%, 39%
HSV	304°, 100%, 78%
XYZ	32.5228, 15.7299, 48.3357
YIQ	80.8190, 58.5770, 100.3450

# Conversions

## Conversions Part 2

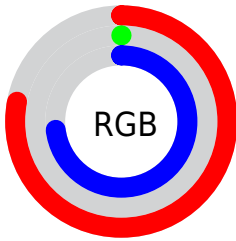
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 0, 187
Decimal	13041851
CIE <sub>Lab</sub>	46.62, 79.81, -44.61
CIE <sub>LCh</sub>	47, 91.430, 330.800
Yxy	15.7307, 0.3367, 0.1629
Android (android.graphics.Color)	4291231931 (0xFFC700BB)
YUV	80.8190, 52.3472, 103.6447
Hunter-Lab	39.6610, 76.9667, -44.4953

# Details

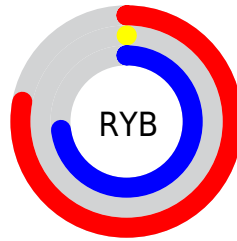
The HunterLab color **39.6610, 76.9667, -44.4953** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **63.9328, -54.6731, 38.1146**, and the grayscale version is **28.4268, -1.5168, 1.5445**.

A 20% lighter version of the original color is **59.3918, 80.3302, -47.4380**, and **26.9609, 52.4523, -31.2675** is the 20% darker color. If you saturate the color by 10%, you get **39.6611, 76.9667, -44.4939**, and if you desaturate by 10%, it is **40.3479, 74.9463, -43.9053**.

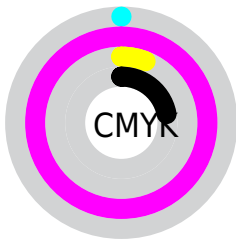
# Distribution



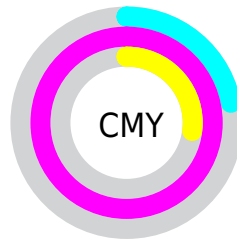
- Red (78%)
- Green (0%)
- Blue (73%)



- Red (78%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.6610, 76.9667, -44.4953 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 39.6610, 76.9667, -44.4953 by changing the saturation by 10% instead.



39.6610, 76.9667,  
-44.4953

39.6610, 76.9667,  
-44.4953

150.9130, 96.8926,  
-50.2025

30.5513, 74.6005,  
-44.0753

60.1083, 81.8693,  
-45.7868

22.2700, 72.5495,  
-44.0775

71.3452, 84.2661,  
-46.4967

14.9115, 71.3691,  
-45.0619

83.2062, 86.5881,  
-47.1995

8.5603, 73.4012,  
-49.0936

95.6603, 88.8252,  
-47.8777

0.0000, INF, -NF

0.0000, NaN, -NF

108.6803, 90.9738,  
-48.5215

0.0000, NaN, NaN

122.2426, 93.0334,

0.0000, NaN, NaN

-49.1253

136.3264, 95.0056,  
-49.6861

■ 39.6610, 76.9667,  
-44.4953

■ 39.6610, 76.9667,  
-44.4953

■ 39.6611, 76.9667,  
-44.4939

■ 40.3479, 74.9463,  
-43.9053

■ 41.6411, 70.8816,  
-41.9745

■ 43.6916, 64.5498,  
-38.5227

■ 46.4997, 56.3875,  
-33.7991

■ 50.0167, 46.9839,  
-28.1646

■ 54.1684, 36.8899,  
-21.9705

■ 58.8737, 26.5235,  
-15.4931

■ 64.0548, 16.1564,  
-8.9199

■ 69.6435, 5.9424,  
-2.3639

# Harmonies

## Analogous

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



39.6620, 39.3205, -104.2161



39.6610, 76.9667, -44.4953



39.6620, 92.0311, 3.0564

# Triad

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



39.6620, 76.9643, -44.4933



39.6620, -3.0686, 27.7634



39.6620, -45.4228, -47.6805

# Complementary

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



39.6610, 76.9667, -44.4953



63.9328, -54.6731, 38.1146

# 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.



39.6620, -49.9491, 1.2399



39.6610, 76.9667, -44.4953



39.6620, -31.4107, 27.5707

# Square

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



39.6620, 76.9643, -44.4933



39.6620, 37.0593, 27.7042



39.6620, -45.8996, 22.5885



39.6620, -30.2698, -106.9448



# Rectangle

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



39.6610, 76.9667, -44.4953



39.6620, 84.1866, 19.0083



39.6620, -45.8996, 22.5885



39.6620, -47.9375, -28.5837

# Sweetspot

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



39.6620, 76.9643, -44.4933



77.6057, 35.7213, -20.8942



20.4659, 55.1888, -142.9580



34.6392, 19.2486, -11.3742

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



39.6620, 76.9643, -44.4933



52.4678, 101.8001, -58.7106



35.8799, 63.4778, 7.3960



32.8712, 2.5041, -0.9251



31.8110, 61.7441, -35.7758



6.9469, 13.5218, -8.1084



# Inverse Universe

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



39.6620, 76.9643, -44.4933



52.4678, 101.8001, -58.7106



64.7778, -49.4061, 25.6886



32.8712, 2.5041, -0.9251



31.8110, 61.7441, -35.7758



6.9469, 13.5218, -8.1084



# Previews

## White Background



This preview shows how the HunterLab color 39.6610, 76.9667, -44.4953 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

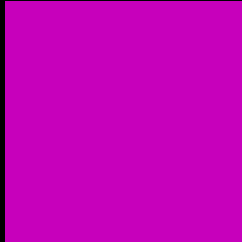
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.6610, 76.9667, -44.4953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

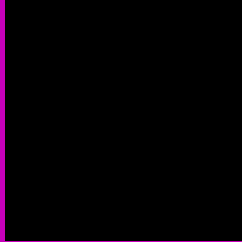
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 39.6610, 76.9667, -44.4953 Background



This preview shows how black text looks on a background with the HunterLab color 39.6610, 76.9667, -44.4953.



This preview shows how white text looks on a background with the HunterLab color 39.6610, 76.9667, -44.4953.

-44.4953.

# 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

39.6610, 76.9667, -44.4953

### Protanopia

40.8050, 14.9939, -83.3702

### Deuteranopia

40.4786, 3.4889, -35.1587



## Tritanopia

40.0081, 39.2802, 14.6590

# Trichromacy



## Original Color

39.6610, 76.9667, -44.4953



## Protanomaly

32.3867, 36.6784, -95.8667



## Deuteranomaly

34.6594, 35.4466, -51.8883



## Tritanomaly

38.0374, 55.3766, -2.3079

# Monochromacy



## Original Color

39.6610, 76.9667, -44.4953



## Achromatopsia

28.6850, -1.5306, 1.5585



## Achromatomaly

28.4555, 31.3144, -18.9419

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.6610, 76.9667, -44.4953 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(199, 0, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 187)  
}
```

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(199, 0, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 187) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.6610, 76.9667, -44.4953 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(199, 0, 187) }
```



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

```
.border{ border-color:rgb(199, 0, 187) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
187) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.6610, 76.9667, -44.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 187) }
```

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

```
.background{ background-color: rgb(199, 0,  
187) }
```

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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