

# Converting Colors

HunterLab(36.7008, 71.0567,  
-39.8923)

Have a look what the booklet for  
HunterLab(36.7008, 71.0567,  
-39.8923) contains.

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# Color

**HunterLab(36.6827, 71.0450,  
-40.0529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA00AD
RGB	186, 0, 173
RGB Percent	73%, 0%, 68%
CMY	0.2706, 0.9999, 0.3216
CMYK	0.00, 1.00, 0.07, 0.27
HSL	304°, 100%, 36%
HSV	304°, 100%, 73%
XYZ	27.7925, 13.4562, 40.6676
YIQ	75.3360, 55.3230, 93.2350

# Conversions

## Conversions Part 2

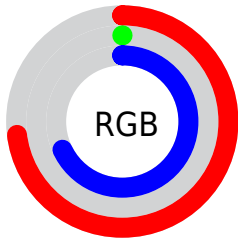
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 0, 173
Decimal	12189869
CIELab	43.44, 75.65, -41.54
CIELCh	43, 86.304, 331.226
Yxy	13.4569, 0.3393, 0.1643
Android (android.graphics.Color)	4290379949 (0xFFBA00AD)
YUV	75.3360, 48.1484, 97.0523
Hunter-Lab	36.6827, 71.0450, -40.0529

# Details

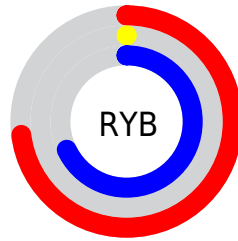
The HunterLab color **36.6827, 71.0450, -40.0529** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **59.2853, -50.6611, 35.2628**, and the grayscale version is **26.4698, -1.4124, 1.4382**.

A 20% lighter version of the original color is **56.6272, 76.0293, -41.3901**, and **24.3829, 47.3178, -27.3552** is the 20% darker color. If you saturate the color by 10%, you get **36.6828, 71.0449, -40.0516**, and if you desaturate by 10%, it is **37.3631, 69.0791, -39.5564**.

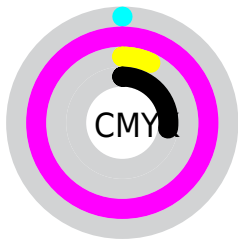
# Distribution



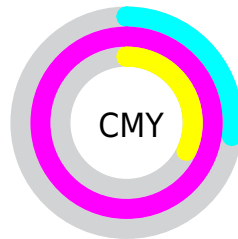
- Red (73%)
- Green (0%)
- Blue (68%)



- Red (73%)
- Yellow (0%)
- Blue (68%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6827, 71.0450, -40.0529 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 36.6827, 71.0450, -40.0529 by changing the saturation by 10% instead.



36.6827, 71.0450,  
-40.0529

36.6827, 71.0450,  
-40.0529

146.2276, 90.2609,  
-45.4589

27.8278, 68.7454,  
-39.6274

56.6764, 75.8152,  
-41.3247

19.8280, 66.7881,  
-39.6268

67.7076, 78.1388,  
-42.0099

12.7880, 65.8333,  
-40.6817

79.3741, 80.3832,  
-42.6805

6.1745, 78.3194,  
-50.9618

91.6430, 82.5392,  
-43.3209

0.0000, INF, -NF

0.0000, NaN, NaN

104.4860, 84.6039,  
-43.9224

0.0000, NaN, NaN

117.8785, 86.5776,

0.0000, NaN, NaN

-44.4805

131.7988, 88.4623,  
-44.9929

■ 36.6827, 71.0450,  
-40.0529

■ 36.6827, 71.0450,  
-40.0529

■ 36.6828, 71.0449,  
-40.0516

■ 37.3631, 69.0791,  
-39.5564

■ 38.5942, 65.2706,  
-37.8580

■ 40.5227, 59.3899,  
-34.7735

■ 43.1463, 51.8468,  
-30.5304

■ 46.4189, 43.1810,  
-25.4544

■ 50.2721, 33.8931,  
-19.8614

■ 54.6313, 24.3609,  
-13.9998

■ 59.4258, 14.8294,  
-8.0391

■ 64.5930, 5.4371,  
-2.0824

# Harmonies

## Analogous

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



36.6836, 36.6685, -94.8439



36.6827, 71.0450, -40.0529



36.6836, 84.4675, 3.2538

# Triad

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



36.6836, 71.0427, -40.0511



36.6836, -3.2951, 25.6785



36.6836, -41.7357, -44.5273

# Complementary

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



36.6827, 71.0450, -40.0529



59.2853, -50.6611, 35.2628

# 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.



36.6836, -46.0383, 0.6937



36.6827, 71.0450, -40.0529



36.6836, -29.2008, 25.5541

# Square

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



36.6836, 71.0427, -40.0511



36.6836, 33.4872, 25.6785



36.6836, -42.4108, 20.6987



36.6836, -27.5891, -98.6706



# Rectangle

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



36.6827, 71.0450, -40.0529



36.6836, 76.9981, 17.7241



36.6836, -42.4108, 20.6987



36.6836, -44.1029, -26.9375

# Sweetspot

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



36.6836, 71.0427, -40.0511



73.2368, 33.4528, -19.2546



19.0446, 51.2222, -131.9923



33.1709, 18.2574, -10.6161



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



36.6836, 71.0427, -40.0511



49.3711, 95.5950, -53.7212



33.2085, 58.6380, 7.7262



30.2516, 2.2477, -0.7881



30.0956, 58.2992, -32.9511



5.6795, 11.0464, -6.5638



# Inverse Universe

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



36.6836, 71.0427, -40.0511



49.3711, 95.5950, -53.7212



60.1221, -45.4476, 22.9623



30.2516, 2.2477, -0.7881



30.0956, 58.2992, -32.9511



5.6795, 11.0464, -6.5638



# Previews

## White Background



This preview shows how the HunterLab color 36.6827, 71.0450, -40.0529 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

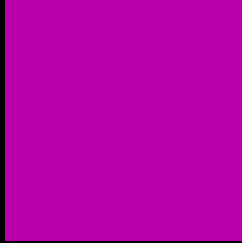
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 36.6827, 71.0450, -40.0529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

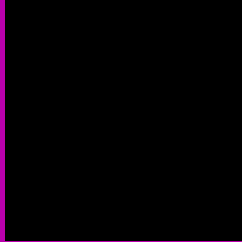
Any Text WCAG AA × Fail

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 36.6827, 71.0450, -40.0529 Background



This preview shows how black text looks on a background with the HunterLab color 36.6827, 71.0450, -40.0529.



This preview shows how white text looks on a background with the HunterLab color 36.6827, 71.0450, -40.0529.

-40.0529.

# 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

36.6827, 71.0450, -40.0529

### Protanopia

37.6330, 13.7864, -76.7988

### Deuteranopia

37.6930, 2.5845, -30.4964



## Tritanopia

37.1917, 36.3814, 13.7806

# Trichromacy



## Original Color

36.6827, 71.0450, -40.0529



## Protanomaly

30.0321, 33.7818, -87.5758



## Deuteranomaly

32.2681, 31.8197, -45.8468



## Tritanomaly

35.4051, 51.2090, -1.5155

# Monochromacy



## Original Color

36.6827, 71.0450, -40.0529



## Achromatopsia

26.5255, -1.4153, 1.4412



## Achromatomaly

26.2801, 28.6999, -17.2329

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.6827, 71.0450, -40.0529 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(186, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 173)  
}
```

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(186, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 173) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.6827, 71.0450, -40.0529 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(186, 0, 173) }
```



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

```
.border{ border-color:rgb(186, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
173) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.6827, 71.0450, -40.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 173) }
```

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

```
.background{ background-color: rgb(186, 0,  
173) }
```

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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