

Converting Colors

HunterLab(36.3129, 68.8120,
-27.8913)

Have a look what the booklet for
HunterLab(36.3129, 68.8120,
-27.8913) contains.

HunterLab(36.3581, 68.8660, -27.6810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.3581, 68.8660,
-27.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	BD009C
RGB	189, 0, 156
RGB Percent	74%, 0%, 61%
CMY	0.2588, 0.9999, 0.3882
CMYK	0.00, 1.00, 0.17, 0.26
HSL	310°, 100%, 37%
HSV	310°, 100%, 74%
XYZ	26.9870, 13.2191, 32.5817
YIQ	74.2950, 62.5680, 88.5840

Conversions

Conversions Part 2

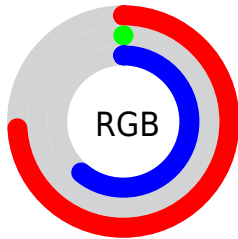
Format	Color
R_{YB}	189, 0, 156
Decimal	12386460
CIE _{Lab}	43.09, 73.92, -31.89
CIE _{LCh}	43, 80.509, 336.666
Yxy	13.2198, 0.3708, 0.1816
Android (android.graphics.Color)	4290576540 (0xFFBD009C)
YUV	74.2950, 40.2806, 100.5963
Hunter-Lab	36.3581, 68.8660, -27.6810

Details

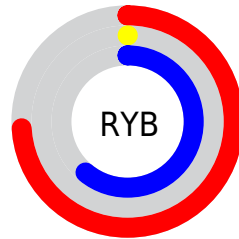
The HunterLab color **36.3581, 68.8660, -27.6810** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **60.4198, -51.1595, 34.9208**, and the grayscale version is **26.1243, -1.3939, 1.4194**.

A 20% lighter version of the original color is **56.2666, 73.5821, -28.9802**, and **24.1346, 45.4723, -16.5062** is the 20% darker color. If you saturate the color by 10%, you get **36.3580, 68.8654, -27.6780**, and if you desaturate by 10%, it is **37.1428, 67.1698, -28.5148**.

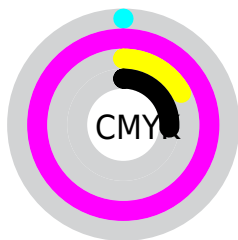
Distribution



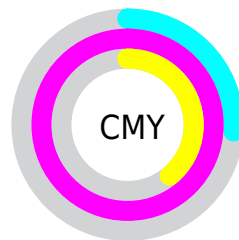
- Red (74%)
- Green (0%)
- Blue (61%)



- Red (74%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3581, 68.8660, -27.6810 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 36.3581, 68.8660, -27.6810 by changing the saturation by 10% instead.

36.3581, 68.8660, -27.6810

36.3581, 68.8660, -27.6810

145.7126, 87.7193, -31.5999

27.5319, 66.5773, -27.1094

56.3011, 73.5775, -28.8617

19.5639, 64.6074, -26.6808

67.3093, 75.8629, -29.4059

12.5599, 63.5960, -26.6963

78.9541, 78.0659, -29.9020

5.8512, 78.1955, -33.4431

91.2023, 80.1785, -30.3463

0.0000, INF, -NF

0.0000, NaN, NaN

104.0256, 82.1986, -30.7375

0.0000, NaN, NaN

117.3991, 84.1271,

0.0000, NaN, NaN

-31.0761

131.3013, 85.9663,
-31.3630

■ 36.3581, 68.8660,
-27.6810

■ 36.3581, 68.8660,
-27.6810

■ 36.3580, 68.8654,
-27.6780

■ 37.1428, 67.1698,
-28.5148

■ 38.5022, 63.5873,
-28.2324

■ 40.5806, 57.9086,
-26.6208

■ 43.3691, 50.5659,
-23.8428

■ 46.8150, 42.1107,
-20.1671

■ 50.8445, 33.0415,
-15.8694

■ 55.3799, 23.7271,
-11.1777

■ 60.3487, 14.4031,
-6.2564

■ 65.6879, 5.2005,
-1.2138

Harmonies

Analogous

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



36.3590, 39.9945, -76.9225



36.3581, 68.8660, -27.6810



36.3590, 76.3045, 7.8635

Triad

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



36.3590, 68.8632, -27.6794



36.3590, -8.4855, 25.4513



36.3590, -37.9711, -49.3925

Complementary

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



36.3581, 68.8660, -27.6810



60.4198, -51.1595, 34.9208

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.



36.3590, -43.7093, -5.0901



36.3581, 68.8660, -27.6810



36.3590, -30.6931, 24.3433

Square

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



36.3590, 68.8632, -27.6794



36.3590, 24.2490, 25.4087



36.3590, -41.5713, 17.8405



36.3590, -22.3315, -95.1498

Rectangle

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



36.3581, 68.8660, -27.6810



36.3590, 66.4855, 19.1420



36.3590, -41.5713, 17.8405



36.3590, -40.8395, -32.8950

Sweetspot

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



36.3590, 68.8632, -27.6794



73.7993, 32.3722, -15.2780



19.9355, 52.5621, -129.9816



33.0068, 17.4558, -8.3315



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.



36.3590, 68.8632, -27.6794



48.6243, 92.0450, -36.5987



33.4344, 58.3268, 13.2791



31.0916, 2.1767, -0.4200



29.8399, 56.5470, -22.9294



5.9702, 11.4184, -5.3995

Inverse Universe

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



36.3590, 68.8632, -27.6794



48.6243, 92.0450, -36.5987



61.5648, -44.0546, 18.1522



31.0916, 2.1767, -0.4200



29.8399, 56.5470, -22.9294



5.9702, 11.4184, -5.3995

Previews

White Background



This preview shows how the HunterLab color 36.3581, 68.8660, -27.6810 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 36.3581, 68.8660, -27.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

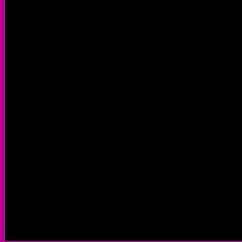
Any Text WCAG AA × Fail

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 36.3581, 68.8660, -27.6810 Background



This preview shows how black text looks on a background with the HunterLab color 36.3581, 68.8660, -27.6810.



This preview shows how white text looks on a background with the HunterLab color 36.3581, 68.8660, -27.6810.

-27.6810.

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

36.3581, 68.8660, -27.6810

Protanopia

37.3074, 13.9800, -76.8097

Deuteranopia

37.2823, 2.5435, -20.2292



Tritanopia

36.8007, 40.7515, 15.3326

Trichromacy



Original Color

36.3581, 68.8660, -27.6810



Protanomaly

29.5597, 31.6160, -81.2580



Deuteranomaly

32.3395, 31.2261, -32.4261



Tritanomaly

35.3882, 52.5571, 3.3662

Monochromacy



Original Color

36.3581, 68.8660, -27.6810



Achromatopsia

26.1683, -1.3963, 1.4218



Achromatomaly

25.9721, 28.2087, -13.3998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3581, 68.8660, -27.6810 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(189, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 156)  
}
```

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(189, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3581, 68.8660, -27.6810 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(189, 0, 156) }
```


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

```
.border{ border-color:rgb(189, 0, 156) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3581, 68.8660, -27.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 156) }
```

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

```
.background{ background-color: rgb(189, 0,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor