

Converting Colors

HunterLab(36.4282, 74.0186,
-66.6473)

Have a look what the booklet for
HunterLab(36.4282, 74.0186,
-66.6473) contains.

HunterLab(36.3534, 73.8561, -66.4289)	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(36.3534, 73.8561,
-66.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	AE00C9
RGB	174, 0, 201
RGB Percent	68%, 0%, 79%
CMY	0.3176, 0.9999, 0.2118
CMYK	0.13, 1.00, 0.00, 0.21
HSL	292°, 100%, 39%
HSV	292°, 100%, 79%
XYZ	27.9981, 13.2157, 56.3335
YIQ	74.9400, 39.1830, 99.3990

Conversions

Conversions Part 2

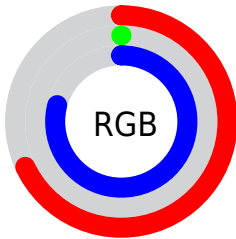
Format	Color
R_{YB}	174, 0, 201
Decimal	11403465
CIE Lab	43.09, 78.00, -58.68
CIE LCh	43, 97.611, 323.044
Yxy	13.2163, 0.2870, 0.1355
Android (android.graphics.Color)	4289593545 (0xFFAE00C9)
YUV	74.9400, 62.1476, 86.8756
Hunter-Lab	36.3534, 73.8561, -66.4289

Details

The HunterLab color **36.3534, 73.8561, -66.4289** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **64.8125, -54.6519, 38.9800**, and the grayscale version is **26.2823, -1.4024, 1.4280**.

A 20% lighter version of the original color is **56.1505, 77.8185, -63.9354**, and **24.0589, 49.8274, -51.3189** is the 20% darker color. If you saturate the color by 10%, you get **36.3534, 73.8561, -66.4292**, and if you desaturate by 10%, it is **37.4614, 71.9503, -63.1143**.

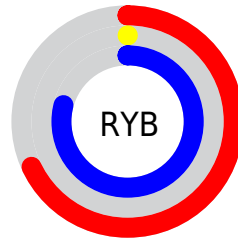
Distribution



Red (68%)

Green (0%)

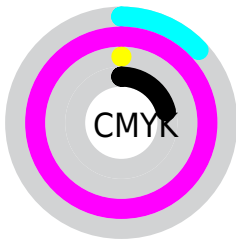
Blue (79%)



Red (68%)

Yellow (0%)

Blue (79%)

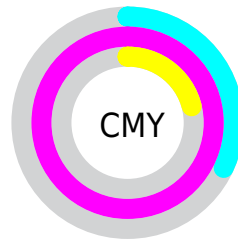


Cyan (13%)

Magenta (100%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (100%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3534, 73.8561, -66.4289 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 36.3534, 73.8561, -66.4289 by changing the saturation by 10% instead.

36.3534, 73.8561,
-66.4289

36.3534, 73.8561,
-66.4289

145.7048, 93.6021,
-72.3191

27.5275, 71.5629,
-67.0243

56.2954, 78.7010,
-66.9481

19.5599, 69.6783,
-68.9839

67.3033, 81.0805,
-67.5862

12.5565, 68.9560,
-74.0582

78.9478, 83.3867,
-68.3300

5.8462, 85.3521,
-101.9702

91.1957, 85.6080,
-69.1256

0.0000, INF, -NF

0.0000, NaN, -NF

104.0186, 87.7399,
-69.9399

0.0000, NaN, NaN

117.3919, 89.7817,

0.0000, NaN, NaN

-70.7518

131.2938, 91.7350,
-71.5479

■ 36.3534, 73.8561,
-66.4289

■ 36.3534, 73.8561,
-66.4289

■ 36.3534, 73.8561,
-66.4292

■ 37.4614, 71.9503,
-63.1143

■ 39.2184, 67.8750,
-58.1848

■ 41.7605, 61.5216,
-51.6444

■ 45.0611, 53.4566,
-44.0052

■ 49.0497, 44.3211,
-35.7949

■ 53.6392, 34.6476,
-27.4212

■ 58.7431, 24.8017,
-19.1416

■ 64.2843, 15.0010,
-11.0911

■ 70.1977, 5.3571,
-3.3229

Harmonies

Analogous

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



36.3542, 30.1907, -130.9180



36.3534, 73.8561, -66.4289



36.3542, 98.6295, -7.1755

Triad

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



36.3542, 73.8549, -66.4269



36.3542, 7.0513, 25.4479



36.3542, -46.8899, -35.5704

Complementary

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



36.3534, 73.8561, -66.4289



64.8125, -54.6519, 38.9800

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.



36.3542, -48.9514, 9.2373



36.3534, 73.8561, -66.4289



36.3542, -25.7449, 25.4479

Square

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



36.3542, 73.8549, -66.4269



36.3542, 51.2713, 25.4479



36.3542, -43.0270, 23.6595



36.3542, -35.5073, -103.7380

Rectangle

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



36.3534, 73.8561, -66.4289



36.3542, 96.1498, 14.1495



36.3542, -43.0270, 23.6595



36.3542, -48.4436, -16.7773

Sweetspot

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



36.3542, 73.8549, -66.4269



76.5656, 33.0034, -25.5041



22.7023, 46.8482, -129.5054



34.0719, 17.8198, -13.9309

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.3542, 73.8549, -66.4269



47.4892, 96.5297, -87.1647



37.4796, 68.5300, -9.4804



32.7744, 2.2145, -1.3250



28.8766, 58.6340, -52.5177



6.4449, 12.9851, -10.9358

Inverse Universe

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



35.3512, 60.7617, 21.1065



46.2352, 79.4322, 27.9151



64.9771, -53.2629, 33.7645



32.6493, 1.3131, 2.2330



28.0451, 48.2336, 16.5292



6.1661, 10.7300, 2.6632

Previews

White Background



This preview shows how the HunterLab color 36.3534, 73.8561, -66.4289 looks on a white background.

Color Contrast Check

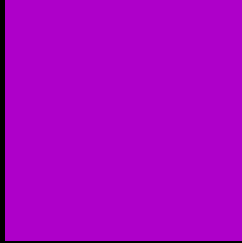
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3534, 73.8561, -66.4289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

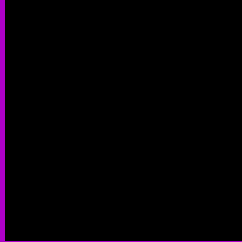
Any Text WCAG AA × Fail

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 36.3534, 73.8561, -66.4289 Background



This preview shows how black text looks on a background with the HunterLab color 36.3534, 73.8561, -66.4289.



This preview shows how white text looks on a background with the HunterLab color 36.3534, 73.8561, -66.4289.

-66.4289.

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

36.3534, 73.8561, -66.4289

Protanopia

37.2395, 13.6367, -75.9838

Deuteranopia

37.2772, 2.3953, -51.7640



Tritanopia

36.8822, 25.9314, 9.6973

Trichromacy



Original Color

36.3534, 73.8561, -66.4289

Protanomaly

30.4592, 36.1742, -96.7567

Deuteranomaly

29.7940, 29.1690, -80.3699

Tritanomaly

34.2141, 45.9355, -12.9079

Monochromacy



Original Color

36.3534, 73.8561, -66.4289

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.2181, 29.4429, -24.2362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3534, 73.8561, -66.4289 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(174, 0, 201)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 201)  
}
```

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(174, 0, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3534, 73.8561, -66.4289 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(174, 0, 201) }
```


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

```
.border{ border-color:rgb(174, 0, 201) }
```

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

Here you see how a box with a 4 pixel rgb(174, 0, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 201);  
box-shadow:4px 4px 4px 4px rgb(174, 0,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3534, 73.8561, -66.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 201) }
```

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

```
.background{ background-color: rgb(174, 0,  
201) }
```

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