

Converting Colors

HunterLab(35.0742, 68.9967,
-46.5685)

Have a look what the booklet for
HunterLab(35.0742, 68.9967,
-46.5685) contains.

HunterLab(34.9979, 68.8912, -46.8124)	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(34.9979, 68.8912,
-46.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	AF00B0
RGB	175, 0, 176
RGB Percent	69%, 0%, 69%
CMY	0.3137, 0.9999, 0.3098
CMYK	0.01, 1.00, 0.00, 0.31
HSL	300°, 100%, 35%
HSV	300°, 100%, 69%
XYZ	25.5156, 12.2485, 42.0937
YIQ	72.3890, 47.8040, 91.8360

Conversions

Conversions Part 2

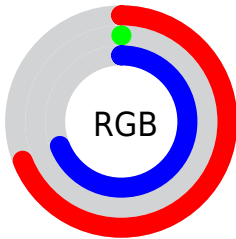
Format	Color
R_{YB}	175, 0, 176
Decimal	11468976
CIE _{Lab}	41.61, 74.23, -46.37
CIE _{LCh}	42, 87.526, 328.009
Yxy	12.2491, 0.3195, 0.1534
Android (android.graphics.Color)	4289659056 (0xFFAF00B0)
YUV	72.3890, 51.0802, 89.9898
Hunter-Lab	34.9979, 68.8912, -46.8124

Details

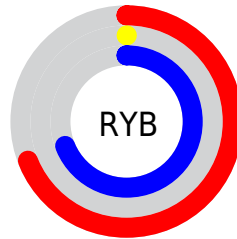
The HunterLab color **34.9979, 68.8912, -46.8124** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **55.7292, -47.7572, 33.5034**, and the grayscale version is **25.4109, -1.3559, 1.3806**.

A 20% lighter version of the original color is **54.6037, 73.6007, -47.9611**, and **22.9818, 45.5794, -33.3847** is the 20% darker color. If you saturate the color by 10%, you get **34.9981, 68.8915, -46.8122**, and if you desaturate by 10%, it is **35.6099, 66.7514, -45.2772**.

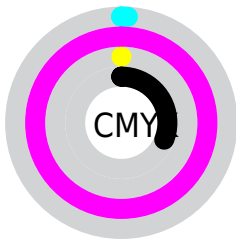
Distribution



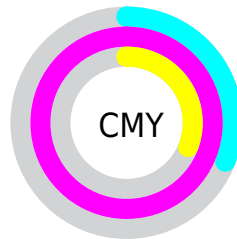
- Red (69%)
- Green (0%)
- Blue (69%)



- Red (69%)
- Yellow (0%)
- Blue (69%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9979, 68.8912, -46.8124 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 34.9979, 68.8912, -46.8124 by changing the saturation by 10% instead.

34.9979, 68.8912,
-46.8124

34.9979, 68.8912,
-46.8124

143.5435, 87.9071,
-52.6285

26.2937, 66.6298,
-46.6459

54.7247, 73.6165,
-47.9475

18.4610, 64.7516,
-47.2048

65.6354, 75.9201,
-48.6554

11.6117, 64.0229,
-49.5429

77.1880, 78.1440,
-49.3798

4.2209, 101.4329,
-83.4149

89.3486, 80.2786,
-50.0943

0.0000, INF, -NF

0.0000, NaN, -NF

102.0882, 82.3210,
-50.7836

0.0000, NaN, NaN

115.3816, 84.2717,

0.0000, NaN, NaN

-51.4388

0.0000, NaN, NaN

129.2066, 86.1327,
-52.0547

■ 34.9979, 68.8912,
-46.8124

■ 34.9979, 68.8912,
-46.8124

■ 34.9981, 68.8915,
-46.8122

■ 35.6099, 66.7514,
-45.2772

■ 36.7244, 62.9241,
-42.5819

■ 38.4879, 57.1633,
-38.5577

■ 40.8998, 49.8506,
-33.4681

■ 43.9195, 41.4903,
-27.6599

■ 47.4848, 32.5531,
-21.4562

■ 51.5270, 23.3969,
-15.1024

■ 55.9804, 14.2552,
-8.7584

■ 60.7867, 5.2603,
-2.5146

Harmonies

Analogous

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



34.9987, 32.7664, -102.4930



34.9979, 68.8912, -46.8124



34.9987, 85.5816, -0.2346

Triad

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



34.9987, 68.8894, -46.8106



34.9987, 0.3393, 24.4991



34.9987, -41.8424, -39.3520

Complementary

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



34.9979, 68.8912, -46.8124



55.7292, -47.7572, 33.5034

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.



34.9987, -45.1107, 3.9177



34.9979, 68.8912, -46.8124



34.9987, -26.7438, 24.4991

Square

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



34.9987, 68.8894, -46.8106



34.9987, 37.9940, 24.4991



34.9987, -40.7887, 21.0750



34.9987, -29.3090, -96.0441

Rectangle

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



34.9979, 68.8912, -46.8124



34.9987, 80.0958, 15.7971



34.9987, -40.7887, 21.0750



34.9987, -43.8022, -22.0482

Sweetspot

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



34.9987, 68.8894, -46.8106



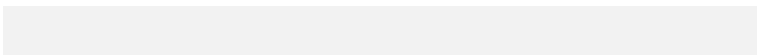
69.0859, 32.1719, -20.7987



17.8852, 47.2337, -124.3152



31.0922, 17.3417, -11.3233



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



34.9987, 68.8894, -46.8106



47.1289, 92.7722, -63.0533



31.5989, 56.4978, 1.9134



29.4011, 2.2491, -1.0142



29.9800, 59.0128, -40.0939



5.3252, 10.4785, -7.0926

Inverse Universe

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



30.3855, 52.0399, 19.5774



40.9185, 70.0812, 26.3865



56.3099, -44.1192, 24.8595



29.1651, 0.9733, 2.4115



26.0273, 44.5799, 16.7615



4.6196, 7.9180, 2.9318

Previews

White Background



This preview shows how the HunterLab color 34.9979, 68.8912, -46.8124 looks on a white background.

Color Contrast Check

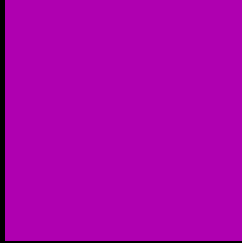
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9979, 68.8912, -46.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

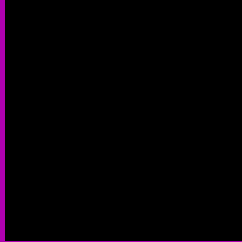
Any Text WCAG AA × Fail

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 34.9979, 68.8912, -46.8124 Background



This preview shows how black text looks on a background with the HunterLab color 34.9979, 68.8912, -46.8124.



This preview shows how white text looks on a background with the HunterLab color 34.9979, 68.8912, -46.8124.

-46.8124.

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

34.9979, 68.8912, -46.8124

Protanopia

35.9961, 12.8486, -72.7284

Deuteranopia

35.9914, 2.7231, -36.4155



Tritanopia

35.5572, 31.5197, 11.6593

Trichromacy



Original Color

34.9979, 68.8912, -46.8124



Protanomaly

29.0349, 32.6422, -85.7600



Deuteranomaly

30.4927, 30.7088, -53.6581



Tritanomaly

33.5766, 47.1310, -5.0411

Monochromacy



Original Color

34.9979, 68.8912, -46.8124



Achromatopsia

25.4565, -1.3583, 1.3831



Achromatomaly

25.1615, 27.6055, -18.7733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9979, 68.8912, -46.8124 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(175, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 0, 176)  
}
```

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(175, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9979, 68.8912, -46.8124 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(175, 0, 176) }
```


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

```
.border{ border-color:rgb(175, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 0,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9979, 68.8912, -46.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 0, 176) }
```

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

```
.background{ background-color: rgb(175, 0,  
176) }
```

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