

Converting Colors

HunterLab(34.0229, 66.8899,
-44.8726)

Have a look what the booklet for
HunterLab(34.0229, 66.8899,
-44.8726) contains.

HunterLab(34.0561, 66.9555, -44.9180)	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(34.0561, 66.9555,
-44.9180)**

Conversions

Conversions Part 1	
Format	Color
Hex	AB00AB
RGB	171, 0, 171
RGB Percent	67%, 0%, 67%
CMY	0.3294, 0.9999, 0.3294
CMYK	0.00, 1.00, 0.00, 0.33
HSL	300°, 100%, 34%
HSV	300°, 100%, 67%
XYZ	24.1452, 11.5982, 39.4941
YIQ	70.6230, 47.0250, 89.4330

Conversions

Conversions Part 2

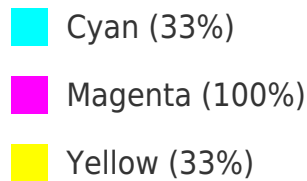
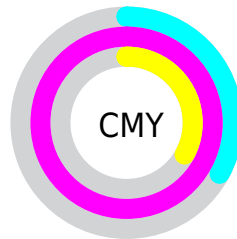
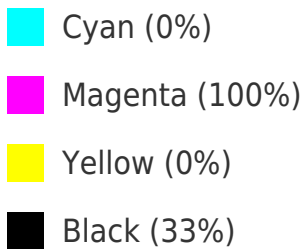
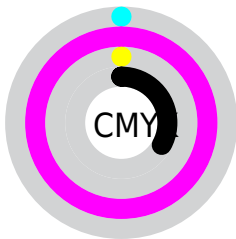
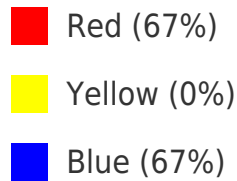
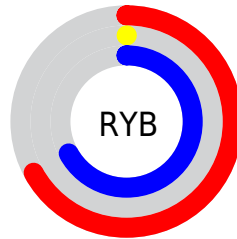
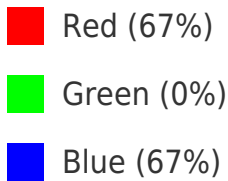
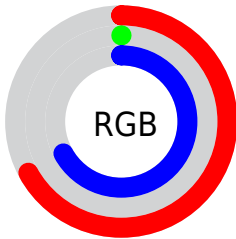
Format	Color
RYB	171, 0, 171
Decimal	11206827
CIELab	40.57, 72.83, -45.10
CIELCh	41, 85.659, 328.233
Yxy	11.5987, 0.3209, 0.1542
Android (android.graphics.Color)	4289396907 (0xFFAB00AB)
YUV	70.6230, 49.4859, 88.0306
Hunter-Lab	34.0561, 66.9555, -44.9180

Details

The HunterLab color **34.0561, 66.9555, -44.9180** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **53.9689, -46.2775, 32.4446**, and the grayscale version is **24.7907, -1.3228, 1.3469**.

A 20% lighter version of the original color is **53.5814, 71.6973, -46.1438**, and **22.1030, 43.7696, -31.5899** is the 20% darker color. If you saturate the color by 10%, you get **34.0563, 66.9558, -44.9177**, and if you desaturate by 10%, it is **34.6452, 64.8164, -43.4522**.

Distribution




Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0561, 66.9555, -44.9180 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 34.0561, 66.9555, -44.9180 by changing the saturation by 10% instead.


 34.0561, 66.9555,
-44.9180


 34.0561, 66.9555,
-44.9180


142.0318, 85.7216,
-50.6381


 25.4383, 64.7168,
-44.7356


 53.6303, 71.6348,
-46.0607


 17.7019, 62.8725,
-45.2747

 64.4722, 73.9126,
-46.7628

 10.9630, 62.2388,
-47.6291


 75.9598, 76.1091,
-47.4769

 2.5145, 157.6335,
-126.5447

 88.0587, 78.2150,
-48.1779

0.0000, INF, -NF

0.0000, NaN, -NF

 100.7394, 80.2278,
-48.8511

0.0000, NaN, NaN

 113.9764, 82.1481,

0.0000, NaN, NaN

-49.4883

0.0000, NaN, NaN

127.7472, 83.9784,
-50.0848

■ 34.0561, 66.9555,
-44.9180

■ 34.0561, 66.9555,
-44.9180

■ 34.0563, 66.9558,
-44.9177

■ 34.6452, 64.8164,
-43.4522

■ 35.7140, 61.0711,
-40.8860

■ 37.4084, 55.4648,
-37.0430

■ 39.7283, 48.3636,
-32.1721

■ 42.6349, 40.2517,
-26.6033

■ 46.0686, 31.5821,
-20.6457

■ 49.9638, 22.7002,
-14.5354

■ 54.2570, 13.8324,
-8.4274

■ 58.8922, 5.1073,
-2.4104

Harmonies

Analogous

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



34.0569, 32.0389, -98.8540



34.0561, 66.9555, -44.9180



34.0569, 82.9176, 0.0185

Triad

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



34.0569, 66.9537, -44.9162



34.0569, 0.0794, 23.8398



34.0569, -40.5768, -38.5090

Complementary

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



34.0561, 66.9555, -44.9180



53.9689, -46.2775, 32.4446

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.



34.0569, -43.8138, 3.5924



34.0561, 66.9555, -44.9180



34.0569, -26.1030, 23.8398

Square

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



34.0569, 66.9537, -44.9162



34.0569, 36.5342, 23.8398



34.0569, -39.6672, 20.4230



34.0569, -28.3141, -93.3187

Rectangle

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



34.0561, 66.9555, -44.9180



34.0569, 77.4606, 15.4537



34.0569, -39.6672, 20.4230



34.0569, -42.5041, -21.7060

Sweetspot

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



34.0569, 66.9537, -44.9162



66.5679, 31.0234, -19.8958



17.1488, 46.5073, -121.8267



30.4009, 16.9535, -10.9804



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



34.0569, 66.9537, -44.9162



45.5760, 89.6039, -60.1113



30.5327, 54.4595, 2.8717



28.5449, 2.1810, -0.9681



29.5691, 58.1338, -38.9994



4.9318, 9.6961, -6.5047

Inverse Universe

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



34.0569, 66.9537, -44.9162



45.5760, 89.6039, -60.1113



54.5805, -42.4591, 23.4373



28.5449, 2.1810, -0.9681



29.5691, 58.1338, -38.9994



4.9318, 9.6961, -6.5047

Previews

White Background



This preview shows how the HunterLab color 34.0561, 66.9555, -44.9180 looks on a white background.

Color Contrast Check

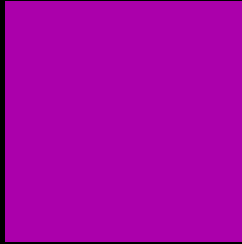
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0561, 66.9555, -44.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

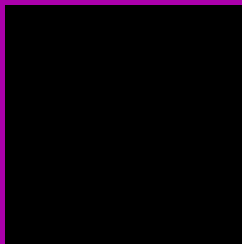
Any Text WCAG AA × Fail

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 34.0561, 66.9555, -44.9180 Background



This preview shows how black text looks on a background with the HunterLab color 34.0561, 66.9555, -44.9180.



This preview shows how white text looks on a background with the HunterLab color 34.0561, 66.9555, -44.9180.

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

34.0561, 66.9555, -44.9180

Protanopia

35.1490, 12.2147, -70.3012

Deuteranopia

35.2515, 2.6101, -34.9436



Tritanopia

34.5771, 30.7301, 11.3315

Trichromacy



Original Color

34.0561, 66.9555, -44.9180



Protanomaly

28.1602, 31.7779, -83.4567



Deuteranomaly

29.9682, 29.8990, -51.4370



Tritanomaly

32.7154, 45.7628, -4.7515

Monochromacy



Original Color

34.0561, 66.9555, -44.9180



Achromatopsia

25.1018, -1.3394, 1.3638



Achromatomaly

24.6254, 26.8954, -17.8457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0561, 66.9555, -44.9180 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(171, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 171)  
}
```

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(171, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0561, 66.9555, -44.9180 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(171, 0, 171) }
```


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

```
.border{ border-color:rgb(171, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0561, 66.9555, -44.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(171, 0, 171) }
```

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

```
.background{ background-color:rgb(171, 0,  
171) }
```

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