

Converting Colors

HunterLab(34.3261, 66.0995,
-40.8384)

Have a look what the booklet for
HunterLab(34.3261, 66.0995,
-40.8384) contains.

HunterLab(34.3261, 66.0995, -40.8384)	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(34.3261, 66.0995,
-40.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	AD05A7
RGB	173, 5, 167
RGB Percent	68%, 2%, 65%
CMY	0.3216, 0.9803, 0.3451
CMYK	0.00, 0.97, 0.03, 0.32
HSL	302°, 94%, 35%
HSV	302°, 97%, 68%
XYZ	24.2629, 11.7828, 37.5547
YIQ	73.7000, 48.1260, 85.9980

Conversions

Conversions Part 2

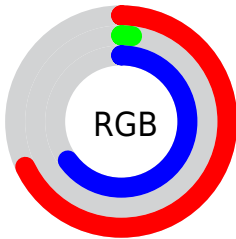
Format	Color
RYB	173, 5, 167
Decimal	11339175
CIELab	40.87, 72.05, -42.21
CIELCh	41, 83.506, 329.639
Yxy	11.7834, 0.3297, 0.1601
Android (android.graphics.Color)	4289529255 (0xFFAD05A7)
YUV	73.7000, 45.9969, 87.0861
Hunter-Lab	34.3261, 66.0995, -40.8384

Details

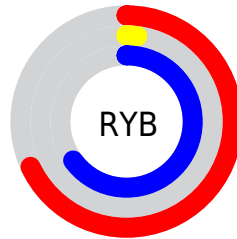
The HunterLab color **34.3261, 66.0995, -40.8384** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54.7212, -46.6134, 32.5592**, and the grayscale version is **25.8947, -1.3817, 1.4069**.

A 20% lighter version of the original color is **53.9806, 70.6255, -42.1795**, and **22.1989, 43.4889, -28.0787** is the 20% darker color. If you saturate the color by 10%, you get **34.1581, 66.6451, -41.0924**, and if you desaturate by 10%, it is **35.0478, 63.7480, -39.6429**.

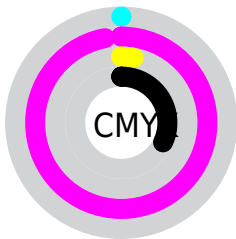
Distribution



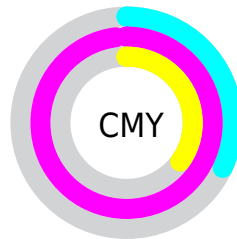
- Red (68%)
- Green (2%)
- Blue (65%)



- Red (68%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (97%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3261, 66.0995, -40.8384 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 34.3261, 66.0995, -40.8384 by changing the saturation by 10% instead.

34.3261, 66.0995,
-40.8384

34.3261, 66.0995,
-40.8384

142.4661, 84.6718,
-46.3274

25.6834, 63.8562,
-40.5151

53.9444, 70.7518,
-42.0567

17.9192, 61.9756,
-40.7538

64.8061, 73.0087,
-42.7465

11.1483, 61.2211,
-42.4298

76.3124, 75.1823,
-43.4308

3.1030, 127.2792,
-92.0672

88.4291, 77.2642,
-44.0904

0.0000, INF, -NF

0.0000, NaN, -NF

101.1268, 79.2524,
-44.7144

0.0000, NaN, NaN

114.3800, 81.1479,

0.0000, NaN, NaN

-45.2970

0.0000, NaN, NaN

128.1664, 82.9533,
-45.8351

■ 34.3261, 66.0995,
-40.8384

■ 34.3261, 66.0995,
-40.8384

■ 34.1581, 66.6451,
-41.0924

■ 35.0478, 63.7480,
-39.6429

■ 36.3489, 59.5005,
-37.1754

■ 38.2908, 53.4528,
-33.4800

■ 40.8580, 46.0328,
-28.8250

■ 44.0018, 37.7345,
-23.5297

■ 47.6578, 28.9860,
-17.8769

■ 51.7589, 20.0972,
-12.0757

■ 56.2427, 11.2621,
-6.2612

■ 61.0549, 2.5859,
-0.5101

Harmonies

Analogous

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



34.3269, 32.8373, -92.7577



34.3261, 66.0995, -40.8384



34.3269, 80.2617, 1.5094

Triad

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



34.3269, 66.0975, -40.8367



34.3269, -1.4571, 24.0288



34.3269, -39.7596, -39.5789

Complementary

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



34.3261, 66.0995, -40.8384



54.7212, -46.6134, 32.5592

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.



34.3269, -43.3785, 2.2238



34.3261, 66.0995, -40.8384



34.3269, -26.5870, 24.0288

Square

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



34.3269, 66.0975, -40.8367



34.3269, 33.7281, 24.0288



34.3269, -39.5730, 19.9351



34.3269, -27.0347, -91.6793

Rectangle

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



34.3261, 66.0995, -40.8384



34.3269, 74.1326, 15.9703



34.3269, -39.5730, 19.9351



34.3269, -41.8282, -23.1264

Sweetspot

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



34.3269, 66.0975, -40.8367



67.8949, 29.7615, -18.0374



17.8738, 45.9223, -119.3278



30.5892, 16.1644, -9.9041



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.



34.3269, 66.0975, -40.8367



45.7045, 89.1612, -54.8906



31.0230, 54.2586, 4.2662



28.5361, 2.1339, -0.8431



29.2805, 57.1334, -35.2622



4.8990, 9.5823, -6.0799

Inverse Universe

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



34.3269, 66.0975, -40.8367



45.7045, 89.1612, -54.8906



55.4428, -42.1175, 21.9477



28.5361, 2.1339, -0.8431



29.2805, 57.1334, -35.2622



4.8990, 9.5823, -6.0799

Previews

White Background



This preview shows how the HunterLab color 34.3261, 66.0995, -40.8384 looks on a white background.

Color Contrast Check

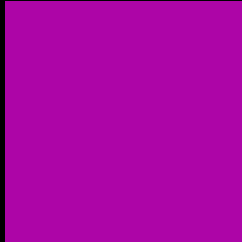
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3261, 66.0995, -40.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

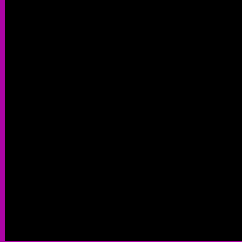
Any Text WCAG AA × Fail

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 34.3261, 66.0995, -40.8384 Background



This preview shows how black text looks on a background with the HunterLab color 34.3261, 66.0995, -40.8384.



This preview shows how white text looks on a background with the HunterLab color 34.3261, 66.0995, -40.8384.

-40.8384.

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

34.3261, 66.0995, -40.8384

Protanopia

35.2157, 12.5529, -71.1147

Deuteranopia

35.3296, 2.4784, -31.7182



Tritanopia

34.8212, 32.1440, 12.1534

Trichromacy



Original Color

34.3261, 66.0995, -40.8384



Protanomaly

28.5939, 30.8509, -81.6681



Deuteranomaly

30.4908, 28.7892, -46.2736



Tritanomaly

33.2216, 46.0277, -2.5747

Monochromacy



Original Color

34.3261, 66.0995, -40.8384



Achromatopsia

26.1683, -1.3963, 1.4218



Achromatomaly

25.6794, 26.2088, -16.4741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3261, 66.0995, -40.8384 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(173, 5, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 5, 167)  
}
```

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(173, 5, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 5, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3261, 66.0995, -40.8384 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(173, 5, 167) }
```


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

```
.border{ border-color:rgb(173, 5, 167) }
```

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

Here you see how a box with a 4 pixel rgb(173, 5, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 5, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 5, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 5,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3261, 66.0995, -40.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 5, 167) }
```

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

```
.background{ background-color: rgb(173, 5,  
167) }
```

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