

Converting Colors

HunterLab(35.2863, 0.4309,
-45.0074)

Have a look what the booklet for
HunterLab(35.2863, 0.4309,
-45.0074) contains.

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Color

**HunterLab(35.3834, 0.0999,
-44.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	0066AD
RGB	0, 102, 173
RGB Percent	0%, 40%, 68%
CMY	0.9999, 0.6000, 0.3216
CMYK	1.00, 0.41, 0.00, 0.32
HSL	205°, 100%, 34%
HSV	205°, 100%, 68%
XYZ	12.2942, 12.5198, 41.3037
YIQ	79.5960, -83.5830, 0.4570

Conversions

Conversions Part 2

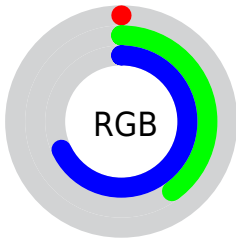
Format	Color
RYB	0, 64, 173
Decimal	26285
CIELab	42.03, 2.73, -44.73
CIELCh	42, 44.809, 273.499
Yxy	12.5202, 0.1859, 0.1894
Android (android.graphics.Color)	4278216365 (0xFF0066AD)
YUV	79.5960, 46.0482, -69.8057
Hunter-Lab	35.3834, 0.0999, -44.4420

Details

The HunterLab color **35.3834, 0.0999, -44.4420** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36.5987, 31.0045, 23.0933**, and the grayscale version is **28.0412, -1.4962, 1.5235**.

A 20% lighter version of the original color is **55.3293, -0.8468, -45.3564**, and **20.4558, 6.1255, -38.7912** is the 20% darker color. If you saturate the color by 10%, you get **35.3802, 0.1057, -44.4503**, and if you desaturate by 10%, it is **37.5479, -2.6740, -39.3384**.

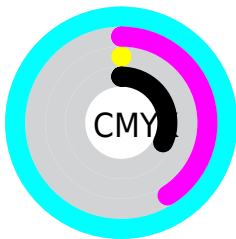
Distribution



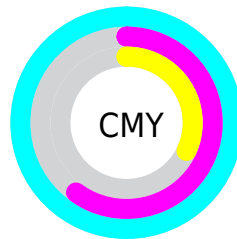
- Red (0%)
- Green (40%)
- Blue (68%)



- Red (0%)
- Yellow (25%)
- Blue (68%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3834, 0.0999, -44.4420 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 35.3834, 0.0999, -44.4420 by changing the saturation by 10% instead.

■ 35.3834, 0.0999,
-44.4420

■ 35.3834, 0.0999,
-44.4420

■ 144.1595, -4.5414,
-50.1534

■ 26.6440, 0.3920,
-44.1803

■ 55.1716, -0.6449,
-45.6363

■ 18.7726, 0.6181,
-44.5382

■ 66.1102, -1.0884,
-46.3410

■ 11.8789, 0.7652,
-46.4243

■ 77.6891, -1.5737,
-47.0510

■ 4.7421, 2.2597,
-70.8344

■ 89.8746, -2.0980,
-47.7436

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.6381, -2.6588,
-48.4061

0.0000, NaN, NaN

■ 115.9544, -3.2541,

0.0000, NaN, NaN

-49.0309

0.0000, NaN, NaN

129.8013, -3.8821,
-49.6141

■ 35.3834, 0.0999,
-44.4420

■ 35.3834, 0.0999,
-44.4420

■ 35.3802, 0.1057,
-44.4503

■ 37.5479, -2.6740,
-39.3384

■ 39.8820, -4.9298,
-34.2861

■ 42.4110, -6.5573,
-29.2513

■ 45.1267, -7.5736,
-24.2696

■ 48.0173, -8.0184,
-19.3692

■ 51.0698, -7.9416,
-14.5691

■ 54.2713, -7.3963,
-9.8792

■ 57.6093, -6.4341,
-5.3028

■ 61.0726, -5.1030,
-0.8382

Harmonies

Analogous

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



35.3839, -15.1658, -38.0184



35.3834, 0.0999, -44.4420



35.3839, 17.7351, -34.4143

Triad

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



35.3839, 0.1007, -44.4412



35.3839, 29.2328, 15.0228



35.3839, -26.3810, 13.0662

Complementary

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



35.3834, 0.0999, -44.4420



36.5987, 31.0045, 23.0933

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.



35.3839, -17.9938, 19.1506



35.3834, 0.0999, -44.4420



35.3839, 13.6875, 19.8543

Square

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



35.3839, 0.1007, -44.4412



35.3839, 36.4137, 3.7484



35.3839, -3.8374, 20.9061



35.3839, -28.6774, 0.0013

Rectangle

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



35.3834, 0.0999, -44.4420



35.3839, 27.9580, -21.6250



35.3839, -3.8374, 20.9061



35.3839, -24.2687, 15.7504

Sweetspot

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



35.3839, 0.1007, -44.4412



72.3923, -9.9526, -13.5571



55.0635, -44.4127, 27.0517



32.9261, -4.8054, -7.5039



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.



35.3839, 0.1007, -44.4412



46.8879, 0.9358, -60.6258



18.5161, 42.2973, -114.4454



29.1759, -2.3796, -0.2569



30.5131, -0.2318, -37.6384



6.0269, -1.5156, -4.2614

Inverse Universe

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



31.3756, 56.7837, -3.4268



41.9347, 75.8059, -3.8445



57.0630, -8.9176, 35.0050



28.4457, 1.6498, 0.4401



26.9127, 48.7498, -3.2365



4.6045, 8.5465, -2.1499

Previews

White Background



This preview shows how the HunterLab color 35.3834, 0.0999, -44.4420 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 35.3834, 0.0999, -44.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

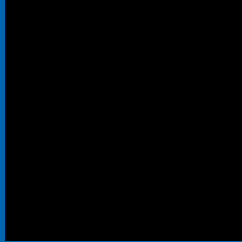
Any Text WCAG AA × Fail

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 35.3834, 0.0999, -44.4420 Background



This preview shows how black text looks on a background with the HunterLab color 35.3834, 0.0999, -44.4420.



This preview shows how white text looks on a background with the HunterLab color 35.3834, 0.0999, -44.4420.

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

35.3834, 0.0999, -44.4420

Protanopia

35.5552, 7.0433, -39.7433

Deuteranopia

35.3904, 2.9442, -44.3749



Tritanopia

35.2985, -17.0397, -7.3363

Trichromacy



Original Color

35.3834, 0.0999, -44.4420

Protanomaly

35.1588, 3.2350, -42.4108

Deuteranomaly

35.3817, 1.5134, -44.4214

Tritanomaly

35.1431, -11.4946, -19.1122

Monochromacy



Original Color

35.3834, 0.0999, -44.4420

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.8298, -4.9754, -13.3481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3834, 0.0999, -44.4420 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(0, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 173)  
}
```

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(0, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3834, 0.0999, -44.4420 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(0, 102, 173) }
```


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

```
.border{ border-color:rgb(0, 102, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 102,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3834, 0.0999, -44.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 173) }
```

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

```
.background{ background-color: rgb(0, 102,  
173) }
```

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](#).

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