

Converting Colors

HunterLab(44.7400, 34.2075,
3.3740)

Have a look what the booklet for
HunterLab(44.7400, 34.2075,
3.3740) contains.

HunterLab(44.8629, 34.1567, 3.4773)	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(44.8629, 34.1567,
3.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5E7B
RGB	188, 94, 123
RGB Percent	74%, 37%, 48%
CMY	0.2627, 0.6314, 0.5176
CMYK	0.00, 0.50, 0.35, 0.26
HSL	341°, 41%, 55%
HSV	341°, 50%, 74%
XYZ	28.3169, 20.1268, 21.1313
YIQ	125.4120, 46.7150, 28.9470

Conversions

Conversions Part 2

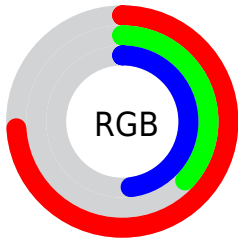
Format	Color
R_{YB}	188, 94, 123
Decimal	12344955
CIE _{Lab}	51.98, 40.92, 1.41
CIE _{LCh}	52, 40.946, 1.980
Yxy	20.1278, 0.4070, 0.2893
Android (android.graphics.Color)	4290535035 (0xFFBC5E7B)
YUV	125.4120, -1.1891, 54.8897
Hunter-Lab	44.8629, 34.1567, 3.4773

Details

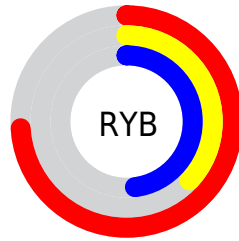
The HunterLab color $44.8629, 34.1567, 3.4773$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $63.9138, -31.2531, 8.4063$, and the grayscale version is $45.4394, -2.4245, 2.4688$.

A 20% lighter version of the original color is $66.1338, 36.8429, 5.0359$, and $26.6978, 30.9405, 2.6052$ is the 20% darker color. If you saturate the color by 10%, you get $41.0819, 41.4391, 4.7498$, and if you desaturate by 10%, it is $49.2299, 26.4899, 2.7461$.

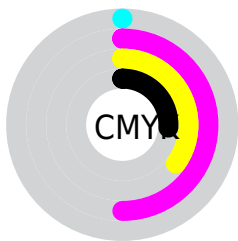
Distribution



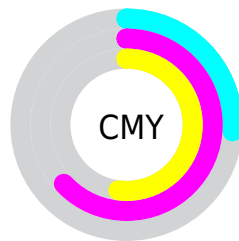
- Red (74%)
- Green (37%)
- Blue (48%)



- Red (74%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (26%)



- Cyan (26%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.8629, 34.1567, 3.4773 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 44.8629, 34.1567, 3.4773 by changing the saturation by 10% instead.

44.8629, 34.1567,
3.4773

44.8629, 34.1567,
3.4773

158.9359, 43.1044,
10.2419

35.3383, 32.6488,
2.8785

66.0540, 36.8059,
4.7776

26.6025, 31.0208,
2.3142

77.6298, 37.9677,
5.4743

18.7357, 29.2901,
1.7870

89.8124, 39.0311,
6.2006

11.8472, 27.5531,
1.2982

102.5731, 40.0034,
6.9555

4.6835, 39.9381,
1.5071

115.8866, 40.8913,
7.7379

0.0000, INF, NaN

0.0000, NaN, NaN

129.7310, 41.7007,

8.5470

0.0000, NaN, NaN

144.0867, 42.4369,
9.3819

0.0000, NaN, NaN

■ 44.8629, 34.1567,
3.4773

■ 44.8629, 34.1567,
3.4773

■ 41.0819, 41.4391,
4.7498

■ 49.2299, 26.4899,
2.7461

■ 37.9766, 47.9010,
6.5835

■ 54.0898, 18.7393,
2.4897

■ 35.6266, 52.9893,
8.9225


■ 59.3653, 11.0669,
2.6342


■ 34.0668, 56.2116,
11.6014


■ 64.9916, 3.5501,
3.1088


■ 33.1616, 57.7105,
14.2880


■ 70.9162, -3.7859,
3.8532

 33.1614, 57.7109,
14.2887

 77.0974, -10.9435,
4.8182

 83.5015, -17.9382,
5.9648

 90.1018, -24.7909,
7.2623

 94.0760, -27.5873,
5.5278

Harmonies

Analogous

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



44.8640, 29.3898, -14.2856



44.8629, 34.1567, 3.4773



44.8640, 28.0045, 15.7272

Triad

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



44.8640, 34.1541, 3.4783



44.8640, -18.0760, 21.3132



44.8640, -16.4237, -33.4669

Complementary

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



44.8629, 34.1567, 3.4773



63.9138, -31.2531, 8.4063

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.



44.8640, -26.3807, -16.7919



44.8629, 34.1567, 3.4773



44.8640, -27.2327, 14.4894

Square

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



44.8640, 34.1541, 3.4783



44.8640, -3.4935, 23.4191



44.8640, -30.0396, 1.3805



44.8640, -1.2883, -39.7173

Rectangle

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



44.8629, 34.1567, 3.4773



44.8640, 18.9974, 20.3774



44.8640, -30.0396, 1.3805



44.8640, -20.4068, -28.6553

Sweetspot

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



44.8640, 34.1541, 3.4783



83.4645, 10.0610, 3.7997



43.5088, 35.5620, -37.4012



37.9696, 5.6583, 1.7044



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



44.8640, 34.1541, 3.4783



54.8517, 56.7045, 6.6042



47.8753, 22.3670, 16.7760



30.9573, 1.4558, 1.4914



27.3844, 47.6993, 11.4729



5.5301, 9.8445, 0.6738

Inverse Universe

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



44.8640, 34.1541, 3.4783



54.8517, 56.7045, 6.6042



59.2021, -18.5395, -11.4920



30.9573, 1.4558, 1.4914



27.3844, 47.6993, 11.4729



5.5301, 9.8445, 0.6738

Previews

White Background



This preview shows how the HunterLab color 44.8629, 34.1567, 3.4773 looks on a white background.

Color Contrast Check

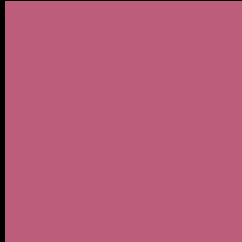
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 44.8629, 34.1567, 3.4773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

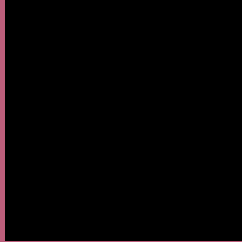
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 44.8629, 34.1567, 3.4773 Background



This preview shows how black text looks on a background with the HunterLab color 44.8629, 34.1567, 3.4773.



This preview shows how white text looks on a background with the HunterLab color 44.8629, 34.1567,

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

44.8629, 34.1567, 3.4773

Protanopia

45.2504, -0.1304, -5.1370

Deuteranopia

45.0042, 3.3199, 4.7967



Tritanopia

44.7079, 29.6531, 10.6996

Trichromacy



Original Color

44.8629, 34.1567, 3.4773

Protanomaly

44.3198, 11.2970, -2.6651

Deuteranomaly

44.6016, 13.9123, 4.1057

Tritanomaly

44.8087, 31.3154, 8.2600

Monochromacy



Original Color

44.8629, 34.1567, 3.4773

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.4812, 9.9133, 2.1654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.8629, 34.1567, 3.4773 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(188, 94, 123)` looks like.

```
.text, #text, p{  
  color:rgb(188, 94, 123)  
}
```

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(188, 94, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 94, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 44.8629, 34.1567, 3.4773 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(188, 94, 123) }
```


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

```
.border{ border-color:rgb(188, 94, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 94, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 94, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 94, 123);  
box-shadow:4px 4px 4px 4px rgb(188, 94,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.8629, 34.1567, 3.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 94, 123) }
```

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

```
.background{ background-color: rgb(188, 94,  
123) }
```

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