

Converting Colors

HunterLab(42.7444, 34.2340,
-19.8316)

Have a look what the booklet for
HunterLab(42.7444, 34.2340,
-19.8316) contains.

HunterLab(42.7444, 34.2340, -19.8316)	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(42.7444, 34.2340,
-19.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	A75BA1
RGB	167, 91, 161
RGB Percent	65%, 36%, 63%
CMY	0.3451, 0.6431, 0.3686
CMYK	0.00, 0.46, 0.04, 0.35
HSL	305°, 30%, 51%
HSV	305°, 46%, 65%
XYZ	26.1104, 18.2708, 35.8686
YIQ	121.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

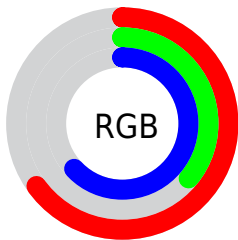
Format	Color
RYB	167, 91, 161
Decimal	10967969
CIELab	49.82, 41.31, -24.64
CIELCh	50, 48.102, 329.188
Yxy	18.2717, 0.3254, 0.2277
Android (android.graphics.Color)	4289158049 (0xFFA75BA1)
YUV	121.7040, 19.3729, 39.7246
Hunter-Lab	42.7444, 34.2340, -19.8316

Details

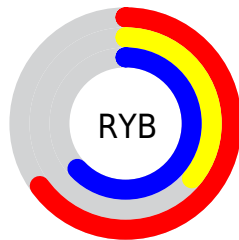
The HunterLab color $42.7444, 34.2340, -19.8316$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55.4304, -31.6592, 21.5038$, and the grayscale version is $43.9220, -2.3436, 2.3864$.

A 20% lighter version of the original color is $63.6004, 37.3294, -20.7191$, and $24.7637, 31.1173, -18.8356$ is the 20% darker color. If you saturate the color by 10%, you get $39.5989, 42.1456, -24.4387$, and if you desaturate by 10%, it is $46.3664, 25.9516, -14.8753$.

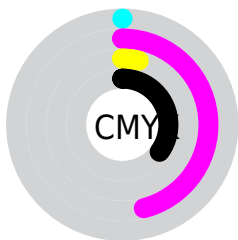
Distribution



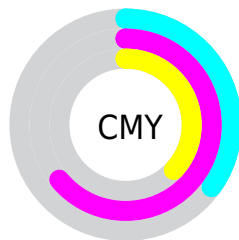
- Red (65%)
- Green (36%)
- Blue (63%)



- Red (65%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (46%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7444, 34.2340, -19.8316 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 42.7444, 34.2340, -19.8316 by changing the saturation by 10% instead.

42.7444, 34.2340,
-19.8316

42.7444, 34.2340,
-19.8316

155.6913, 43.4849,
-21.7917

33.3844, 32.6859,
-19.3327

63.6394, 36.9638,
-20.6651

24.8286, 31.0194,
-18.8070

75.0800, 38.1625,
-20.9930

17.1622, 29.2639,
-18.3172

87.1343, 39.2609,
-21.2614

10.5038, 27.5566,
-18.0643

99.7724, 40.2663,
-21.4725

0.0000, INF, -NF

0.0000, NaN, -NF

112.9687, 41.1858,
-21.6286

0.0000, NaN, NaN

126.7003, 42.0252,

0.0000, NaN, NaN

-21.7323

0.0000, NaN, NaN

140.9472, 42.7900,
-21.7859

■ 42.7444, 34.2340,
-19.8316

■ 42.7444, 34.2340,
-19.8316

■ 39.5989, 42.1456,
-24.4387

■ 46.3664, 25.9516,
-14.8753

■ 36.9906, 49.3065,
-28.4547

■ 50.3981, 17.5725,
-9.7544

■ 34.9724, 55.2507,
-31.5952

■ 54.7824, 9.2591,
-4.5849

■ 33.5683, 59.5434,
-33.6113

■ 59.4692, 1.0979,
0.5643

■ 32.7493, 61.9713,
-34.4056

■ 64.4166, -6.8752,
5.6579

■ 32.4692, 62.7709,
-34.5715

■ 69.5900, -14.6540,
10.6810

■ 74.9612, -22.2487,
15.6310

■ 80.5070, -29.6767,
20.5117

■ 86.2083, -36.9583,
25.3299

Harmonies

Analogous

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



42.7454, 17.2332, -41.0386



42.7444, 34.2340, -19.8316



42.7454, 41.2038, 1.8265

Triad

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



42.7454, 34.2324, -19.8303



42.7454, -1.7591, 24.6428



42.7454, -29.9537, -18.5654

Complementary

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



42.7444, 34.2340, -19.8316



55.4304, -31.6592, 21.5038

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.



42.7454, -33.2657, 2.8210



42.7444, 34.2340, -19.8316



42.7454, -18.8249, 23.0225

Square

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



42.7454, 34.2324, -19.8303



42.7454, 18.2985, 22.8233



42.7454, -29.5732, 16.6800



42.7454, -19.5833, -40.1094

Rectangle

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



42.7444, 34.2340, -19.8316



42.7454, 38.4285, 12.3271



42.7454, -29.5732, 16.6800



42.7454, -31.8389, -10.8866

Sweetspot

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



42.7454, 34.2324, -19.8303



74.0779, 11.0094, -5.2692



35.7261, 15.1618, -38.3937



34.4426, 6.2959, -3.1745



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.7454, 34.2324, -19.8303



52.8053, 56.8981, -32.9893



41.4150, 27.9991, -1.2587



27.6699, 1.9988, -0.6618



28.4086, 54.9298, -30.3187



4.4638, 8.6816, -5.1559

Inverse Universe

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



42.7454, 34.2324, -19.8303



52.8053, 56.8981, -32.9893



56.2008, -27.0745, 10.3361



27.6699, 1.9988, -0.6618



28.4086, 54.9298, -30.3187



4.4638, 8.6816, -5.1559

Previews

White Background



This preview shows how the HunterLab color 42.7444, 34.2340, -19.8316 looks on a white background.

Color Contrast Check

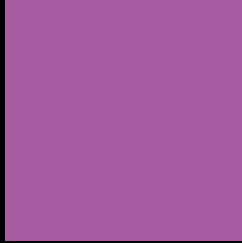
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7444, 34.2340, -19.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

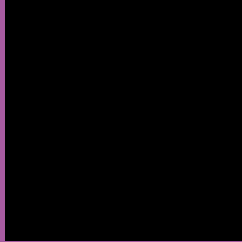
Any Text WCAG AA ✓ Pass

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 42.7444, 34.2340, -19.8316 Background



This preview shows how black text looks on a background with the HunterLab color 42.7444, 34.2340, -19.8316.



This preview shows how white text looks on a background with the HunterLab color 42.7444, 34.2340, -19.8316.

-19.8316.

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

42.7444, 34.2340, -19.8316

Protanopia

43.1124, 5.8227, -34.1951

Deuteranopia

42.9393, 2.9768, -16.9180



Tritanopia

42.6680, 18.4706, 6.1165

Trichromacy



Original Color

42.7444, 34.2340, -19.8316

Protanomaly

42.3305, 14.5954, -29.7487

Deuteranomaly

42.4488, 13.5759, -18.7870

Tritanomaly

42.5522, 23.8374, -2.3005

Monochromacy



Original Color

42.7444, 34.2340, -19.8316

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.0694, 10.0445, -5.3499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7444, 34.2340, -19.8316 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(167, 91, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 91, 161)  
}
```

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(167, 91, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 91, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7444, 34.2340, -19.8316 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(167, 91, 161) }
```


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

```
.border{ border-color:rgb(167, 91, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 91, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 91, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 91, 161); box-shadow:4px 4px 4px 4px rgb(167, 91, 161) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7444, 34.2340, -19.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 91, 161) }
```

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

```
.background{ background-color: rgb(167, 91,  
161) }
```

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