

Converting Colors

HunterLab(34.0821, 38.4013,
-48.6107)

Have a look what the booklet for
HunterLab(34.0821, 38.4013,
-48.6107) contains.

HunterLab(34.1448, 38.2107, -48.7162)	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(34.1448, 38.2107,
-48.7162)**

Conversions

Conversions Part 1

Format	Color
Hex	8142AF
RGB	129, 66, 175
RGB Percent	51%, 26%, 69%
CMY	0.4941, 0.7412, 0.3137
CMYK	0.26, 0.62, 0.00, 0.31
HSL	275°, 45%, 47%
HSV	275°, 62%, 69%
XYZ	18.7393, 11.6587, 41.8201
YIQ	97.2630, 2.5590, 47.2550

Conversions

Conversions Part 2

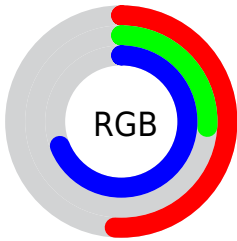
Format	Color
R _Y B	129, 66, 175
Decimal	8471215
CIE Lab	40.67, 46.75, -47.67
CIE LCh	41, 66.771, 314.438
Yxy	11.6591, 0.2595, 0.1614
Android (android.graphics.Color)	4286661295 (0xFF8142AF)
YUV	97.2630, 38.3243, 27.8333
Hunter-Lab	34.1448, 38.2107, -48.7162

Details

The HunterLab color $34.1448, 38.2107, -48.7162$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $58.7352, -32.9014, 30.4131$, and the grayscale version is $34.5339, -1.8426, 1.8763$.

A 20% lighter version of the original color is $53.6716, 41.7423, -49.7124$, and $17.7875, 34.5618, -49.8073$ is the 20% darker color. If you saturate the color by 10%, you get $30.5942, 44.4054, -58.9693$, and if you desaturate by 10%, it is $38.2433, 31.4930, -38.7612$.

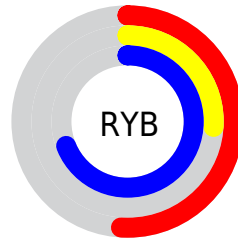
Distribution



Red (51%)

Green (26%)

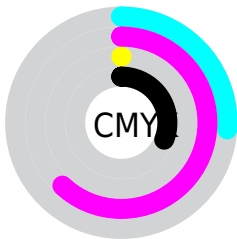
Blue (69%)



Red (51%)

Yellow (26%)

Blue (69%)

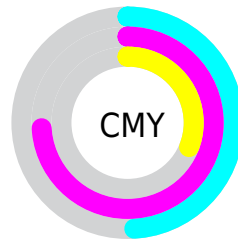


Cyan (26%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1448, 38.2107, -48.7162 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 34.1448, 38.2107, -48.7162 by changing the saturation by 10% instead.

34.1448, 38.2107,
-48.7162

34.1448, 38.2107,
-48.7162

142.1743, 49.9720,
-54.5745

25.5186, 36.3803,
-48.6701

53.7333, 41.5499,
-49.7711

17.7731, 34.5011,
-49.4822

64.5817, 43.0475,
-50.4751

11.0237, 32.7670,
-52.4196

76.0755, 44.4360,
-51.2077

2.7217, 78.4267,
-130.3901

88.1802, 45.7221,
-51.9383

0.0000, INF, -NF

0.0000, NaN, -NF

100.8665, 46.9125,
-52.6488

0.0000, NaN, NaN

114.1088, 48.0139,

0.0000, NaN, NaN

-53.3288

0.0000, NaN, NaN

127.8847, 49.0319,
-53.9719

■ 34.1448, 38.2107,
-48.7162

■ 34.1448, 38.2107,
-48.7162

■ 30.5942, 44.4054,
-58.9693

■ 38.2433, 31.4930,
-38.7612

■ 27.6915, 49.5035,
-68.9074

■ 42.7922, 24.6148,
-29.3946

■ 25.5192, 52.8010,
-77.5803

■ 47.7127, 17.7657,
-20.6874

■ 24.2290, 54.2671,
-83.3674

■ 52.9418, 11.0290,
-12.6052

■ 58.4308, 4.4300,
-5.0716

■ 64.1419, -2.0342,
1.9986

■ 70.0456, -8.3786,
8.6852

■ 76.1189, -14.6221,
15.0573

■ 82.3432, -20.7835,
21.1727

Harmonies

Analogous

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



34.1454, 10.8474, -77.2605



34.1448, 38.2107, -48.7162



34.1454, 57.0520, -12.6240

Triad

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



34.1454, 38.2103, -48.7148



34.1454, 11.8788, 23.1983



34.1454, -36.7263, -11.4387

Complementary

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



34.1448, 38.2107, -48.7162



58.7352, -32.9014, 30.4131

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.



34.1454, -36.5957, 11.8957



34.1448, 38.2107, -48.7162



34.1454, -12.8802, 23.2394

Square

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



34.1454, 38.2103, -48.7148



34.1454, 39.1481, 20.7750



34.1454, -29.1259, 20.9423



34.1454, -29.5545, -47.3366

Rectangle

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



34.1448, 38.2107, -48.7162



34.1454, 59.6228, 5.1742



34.1454, -29.1259, 20.9423



34.1454, -37.4527, -1.8269

Sweetspot

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



34.1454, 38.2103, -48.7148



72.9882, 12.1295, -13.8173



40.1449, 0.5157, -35.1533



33.4518, 6.8966, -7.8806



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



34.1454, 38.2103, -48.7148



39.2734, 62.3912, -84.3657



39.7843, 50.0407, -29.6243



28.2438, 1.1678, -1.3695



20.5932, 46.0295, -70.1271



3.8633, 8.2121, -9.8757

Inverse Universe

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



37.6570, 41.0012, -0.2137



45.6034, 65.2022, 2.4349



56.8357, -40.4549, 27.6893



28.4066, 1.4396, 0.9972



26.2511, 46.3439, 6.2026



4.5033, 8.1833, -0.7436

Previews

White Background



This preview shows how the HunterLab color 34.1448, 38.2107, -48.7162 looks on a white background.

Color Contrast Check

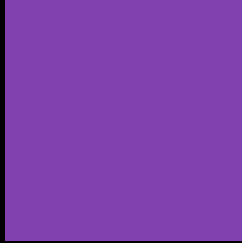
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1448, 38.2107, -48.7162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

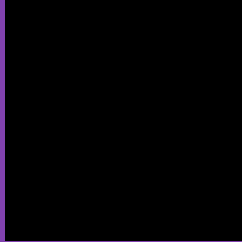
Any Text WCAG AA × Fail

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 34.1448, 38.2107, -48.7162 Background



This preview shows how black text looks on a background with the HunterLab color 34.1448, 38.2107, -48.7162.



This preview shows how white text looks on a background with the HunterLab color 34.1448, 38.2107, -48.7162.

-48.7162.

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

34.1448, 38.2107, -48.7162

Protanopia

34.4382, 12.2584, -69.5071

Deuteranopia

34.5793, 2.5782, -43.0071



Tritanopia

34.1088, 7.0540, 1.9050

Trichromacy



Original Color

34.1448, 38.2107, -48.7162



Protanomaly

32.3496, 17.6078, -67.9960



Deuteranomaly

32.9561, 13.4574, -48.7713



Tritanomaly

33.7025, 17.2340, -13.0633

Monochromacy



Original Color

34.1448, 38.2107, -48.7162



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

33.7453, 11.4889, -13.0943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.1448, 38.2107, -48.7162 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(129, 66, 175)` looks like.

```
.text, #text, p{  
    color:rgb(129, 66, 175)  
}
```

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(129, 66, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 66, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1448, 38.2107, -48.7162 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(129, 66, 175) }
```


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

```
.border{ border-color:rgb(129, 66, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 66, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 66, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 66, 175);  
box-shadow:4px 4px 4px 4px rgb(129, 66,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.1448, 38.2107, -48.7162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 66, 175) }
```

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

```
.background{ background-color: rgb(129, 66,  
175) }
```

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