

Converting Colors

HunterLab(33.4277, 33.9035,
-47.9856)

Have a look what the booklet for
HunterLab(33.4277, 33.9035,
-47.9856) contains.

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Color

**HunterLab(33.3255, 34.1255,
-48.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	7844AC
RGB	120, 68, 172
RGB Percent	47%, 27%, 67%
CMY	0.5294, 0.7333, 0.3255
CMYK	0.30, 0.60, 0.00, 0.33
HSL	270°, 43%, 47%
HSV	270°, 60%, 67%
XYZ	17.2593, 11.1059, 40.2637
YIQ	95.4040, -2.3920, 43.3680

Conversions

Conversions Part 2

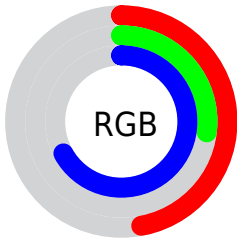
Format	Color
R_{YB}	120, 68, 172
Decimal	7881900
CIE _{Lab}	39.76, 42.80, -47.42
CIE _{LCh}	40, 63.878, 312.070
Yxy	11.1063, 0.2515, 0.1618
Android (android.graphics.Color)	4286071980 (0xFF7844AC)
YUV	95.4040, 37.7618, 21.5707
Hunter-Lab	33.3255, 34.1255, -48.3061

Details

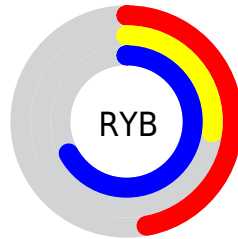
The HunterLab color **33.3255, 34.1255, -48.3061** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **58.2372, -29.7582, 29.7965**, and the grayscale version is **33.8439, -1.8058, 1.8388**.

A 20% lighter version of the original color is **52.8290, 36.8893, -49.1767**, and **17.0961, 30.5647, -49.4572** is the 20% darker color. If you saturate the color by 10%, you get **29.5544, 40.2521, -59.3832**, and if you desaturate by 10%, it is **37.6078, 27.7077, -37.8733**.

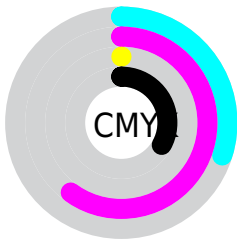
Distribution



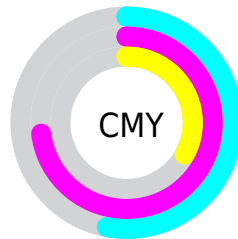
- Red (47%)
- Green (27%)
- Blue (67%)



- Red (47%)
- Yellow (27%)
- Blue (67%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3255, 34.1255, -48.3061 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 33.3255, 34.1255, -48.3061 by changing the saturation by 10% instead.

33.3255, 34.1255,
-48.3061

33.3255, 34.1255,
-48.3061

140.8529, 44.7182,
-54.1269

24.7758, 32.4085,
-48.2966

52.7793, 37.2073,
-49.3360

17.1155, 30.6149,
-49.1969

63.5671, 38.5713,
-50.0356

10.4642, 28.9034,
-52.3924

75.0036, 39.8261,
-50.7657

0.0000, INF, -NF

0.0000, NaN, -NF

87.0540, 40.9796,
-51.4947

0.0000, NaN, -NF

99.6884, 42.0391,
-52.2042

0.0000, NaN, NaN

112.8811, 43.0115,

0.0000, NaN, NaN

-52.8831

0.0000, NaN, NaN

126.6093, 43.9027,
-53.5253

■ 33.3255, 34.1255,
-48.3061

■ 33.3255, 34.1255,
-48.3061

■ 29.5544, 40.2521,
-59.3832

■ 37.6078, 27.7077,
-37.8733

■ 26.4044, 45.5834,
-70.5719

■ 42.3037, 21.2748,
-28.2620

■ 23.9825, 49.3902,
-80.8480

■ 47.3380, 14.9494,
-19.4532

■ 22.2646, 51.5065,
-89.3146

■ 52.6528, 8.7717,
-11.3519

■ 58.2041, 2.7419,
-3.8450

■ 63.9582, -3.1562,
3.1742

■ 69.8889, -8.9440,
9.7977

■ 75.9759, -14.6427,
16.1014

■ 82.2027, -20.2717,
22.1471

Harmonies

Analogous

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



33.3261, 8.1806, -73.2742



33.3255, 34.1255, -48.3061



33.3261, 52.8732, -14.2732

Triad

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



33.3261, 34.1253, -48.3048



33.3261, 13.2653, 22.3612



33.3261, -35.4001, -8.4572

Complementary

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



33.3255, 34.1255, -48.3061



58.2372, -29.7582, 29.7965

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.



33.3261, -34.7405, 12.5000



33.3255, 34.1255, -48.3061



33.3261, -10.6927, 22.5715

Square

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



33.3261, 34.1253, -48.3048



33.3261, 38.7225, 19.6544



33.3261, -26.9267, 20.5284



33.3261, -29.0773, -41.6121

Rectangle

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



33.3255, 34.1255, -48.3061



33.3261, 56.2984, 3.3262



33.3261, -26.9267, 20.5284



33.3261, -35.9258, 0.2276

Sweetspot

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



33.3261, 34.1253, -48.3048



72.4942, 10.0591, -13.0624



42.0010, -3.1782, -29.2709



32.8265, 5.7708, -7.4641



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.



33.3261, 34.1253, -48.3048



38.0683, 57.1512, -85.8193



39.8544, 49.0640, -32.6464



28.1896, 0.9840, -1.4423



19.2913, 44.5265, -76.5987



3.6891, 7.9891, -10.5726

Inverse Universe

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



37.7641, 40.1258, -3.9254



46.0139, 64.6803, -3.7391



55.8136, -39.5313, 27.8902



28.4247, 1.5370, 0.7391



26.5290, 47.3580, 2.2095



4.5480, 8.3444, -1.3693

Previews

White Background



This preview shows how the HunterLab color 33.3255, 34.1255, -48.3061 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 33.3255, 34.1255, -48.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

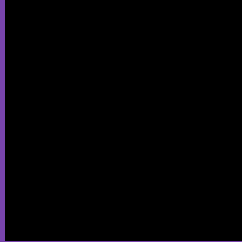
Any Text WCAG AA × Fail

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 33.3255, 34.1255, -48.3061 Background



This preview shows how black text looks on a background with the HunterLab color 33.3255, 34.1255, -48.3061.



This preview shows how white text looks on a background with the HunterLab color 33.3255, 34.1255, -48.3061.

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

33.3255, 34.1255, -48.3061

Protanopia

33.6637, 11.9650, -67.9056

Deuteranopia

33.4432, 2.6093, -43.3051



Tritanopia

33.2467, 4.2460, 0.8259

Trichromacy



Original Color

33.3255, 34.1255, -48.3061

Protanomaly

31.9762, 15.9912, -65.1219

Deuteranomaly

32.1189, 11.8201, -48.3863

Tritanomaly

32.7408, 14.3203, -14.1060

Monochromacy



Original Color

33.3255, 34.1255, -48.3061

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.9699, 10.1545, -13.2047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3255, 34.1255, -48.3061 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(120, 68, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 68, 172)  
}
```

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(120, 68, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 68, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3255, 34.1255, -48.3061 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(120, 68, 172) }
```


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

```
.border{ border-color:rgb(120, 68, 172) }
```

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

Here you see how a box with a 4 pixel rgb(120, 68, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 68, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 68, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 68,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3255, 34.1255, -48.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 68, 172) }
```

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

```
.background{ background-color: rgb(120, 68,  
172) }
```

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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