

Converting Colors

HunterLab(35.8307, 70.4443,
-47.2586)

Have a look what the booklet for
HunterLab(35.8307, 70.4443,
-47.2586) contains.

HunterLab(35.8307, 70.4443, -47.2586)	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(35.8307, 70.4443,
-47.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	B300B3
RGB	179, 0, 179
RGB Percent	70%, 0%, 70%
CMY	0.2980, 0.9999, 0.2980
CMYK	0.00, 1.00, 0.00, 0.30
HSL	300°, 100%, 35%
HSV	300°, 100%, 70%
XYZ	26.7271, 12.8384, 43.7173
YIQ	73.9270, 49.2250, 93.6170

Conversions

Conversions Part 2

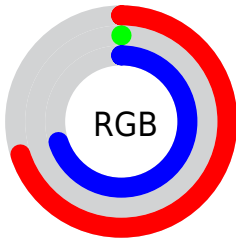
Format	Color
R_{YB}	179, 0, 179
Decimal	11731123
CIE _{Lab}	42.52, 75.34, -46.65
CIE _{LCh}	43, 88.610, 328.233
Yxy	12.8390, 0.3209, 0.1542
Android (android.graphics.Color)	4289921203 (0xFFB300B3)
YUV	73.9270, 51.8010, 92.1490
Hunter-Lab	35.8307, 70.4443, -47.2586

Details

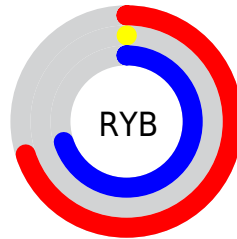
The HunterLab color **35.8307, 70.4443, -47.2586** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **56.7810, -48.6888, 34.1352**, and the grayscale version is **25.9554, -1.3849, 1.4102**.

A 20% lighter version of the original color is **55.6816, 75.4091, -48.0597**, and **23.5491, 46.6160, -33.5218** is the 20% darker color. If you saturate the color by 10%, you get **35.8309, 70.4447, -47.2583**, and if you desaturate by 10%, it is **36.4261, 68.2813, -45.7765**.

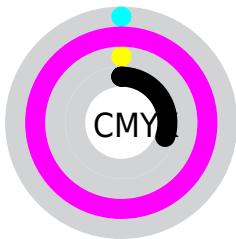
Distribution



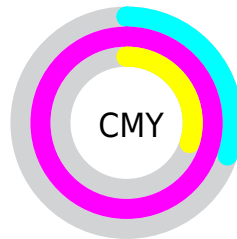
- Red (70%)
- Green (0%)
- Blue (70%)



- Red (70%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8307, 70.4443, -47.2586 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 35.8307, 70.4443, -47.2586 by changing the saturation by 10% instead.

35.8307, 70.4443,
-47.2586

35.8307, 70.4443,
-47.2586

144.8735, 89.6480,
-53.1072

27.0514, 68.1632,
-47.0642

55.6904, 75.2053,
-48.4131

19.1353, 66.2532,
-47.5566

66.6611, 77.5281,
-49.1246

12.1907, 65.4370,
-49.7065

78.2703, 79.7724,
-49.8512

5.2815, 86.7552,
-70.4420

90.4848, 81.9284,
-50.5673

0.0000, INF, -NF

0.0000, NaN, -NF

103.2758, 83.9930,
-51.2580

0.0000, NaN, NaN

116.6184, 85.9663,

0.0000, NaN, NaN

-51.9145

0.0000, NaN, NaN

130.4908, 87.8503,
-52.5318

■ 35.8307, 70.4443,
-47.2586

■ 35.8307, 70.4443,
-47.2586

■ 35.8309, 70.4447,
-47.2583

■ 36.4261, 68.2813,
-45.7765

■ 37.5360, 64.3870,
-43.1082

■ 39.3078, 58.5147,
-39.0828

■ 41.7426, 51.0475,
-33.9610

■ 44.8000, 42.4993,
-28.0927

■ 48.4170, 33.3530,
-21.8076

■ 52.5237, 23.9776,
-15.3578

■ 57.0527, 14.6152,
-8.9093

■ 61.9443, 5.4033,
-2.5566

Harmonies

Analogous

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



35.8315, 33.7083, -104.0050



35.8307, 70.4443, -47.2586



35.8315, 87.2382, 0.0194

Triad

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



35.8315, 70.4424, -47.2568



35.8315, 0.0836, 25.0821



35.8315, -42.6912, -40.5155

Complementary

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



35.8307, 70.4443, -47.2586



56.7810, -48.6888, 34.1352

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.



35.8315, -46.0968, 3.7796



35.8307, 70.4443, -47.2586



35.8315, -27.4632, 25.0821

Square

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



35.8315, 70.4424, -47.2568



35.8315, 38.4379, 25.0821



35.8315, -41.7342, 21.4873



35.8315, -29.7895, -98.1811

Rectangle

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



35.8307, 70.4443, -47.2586



35.8315, 81.4969, 16.2589



35.8315, -41.7342, 21.4873



35.8315, -44.7189, -22.8370

Sweetspot

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



35.8315, 70.4424, -47.2568



69.9910, 32.7405, -21.0017



18.0425, 48.9305, -128.1742



31.8372, 17.8778, -11.5831



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



35.8315, 70.4424, -47.2568



47.9512, 94.2736, -63.2441



32.1157, 57.2681, 3.1355



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7262



5.3427, 10.5040, -7.0467

Inverse Universe

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



35.8315, 70.4424, -47.2568



47.9512, 94.2736, -63.2441



57.4201, -44.6992, 24.7239



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7262



5.3427, 10.5040, -7.0467

Previews

White Background



This preview shows how the HunterLab color 35.8307, 70.4443, -47.2586 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 35.8307, 70.4443, -47.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

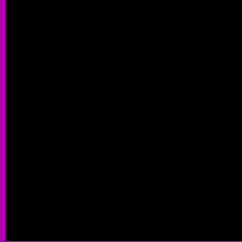
Any Text WCAG AA × Fail

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 35.8307, 70.4443, -47.2586 Background



This preview shows how black text looks on a background with the HunterLab color 35.8307, 70.4443, -47.2586.



This preview shows how white text looks on a background with the HunterLab color 35.8307, 70.4443, -47.2586.

-47.2586.

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

35.8307, 70.4443, -47.2586

Protanopia

36.8467, 13.4872, -75.1702

Deuteranopia

36.7692, 2.8542, -37.0290



Tritanopia

36.3499, 32.6778, 12.1132

Trichromacy



Original Color

35.8307, 70.4443, -47.2586



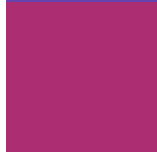
Protanomaly

29.6688, 33.9118, -89.1037



Deuteranomaly

31.3338, 31.2067, -53.9983



Tritanomaly

34.4088, 48.3733, -4.8703

Monochromacy



Original Color

35.8307, 70.4443, -47.2586



Achromatopsia

26.1683, -1.3963, 1.4218



Achromatomaly

25.7830, 28.4262, -18.8658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8307, 70.4443, -47.2586 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(179, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 179)  
}
```

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(179, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8307, 70.4443, -47.2586 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(179, 0, 179) }
```


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

```
.border{ border-color:rgb(179, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8307, 70.4443, -47.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 179) }
```

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

```
.background{ background-color: rgb(179, 0,  
179) }
```

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