

Converting Colors

HunterLab(47.2400, 47.7000,
-34.0434)

Have a look what the booklet for
HunterLab(47.2400, 47.7000,
-34.0434) contains.

HunterLab(47.2950, 47.6357, -34.0066)	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(47.2950, 47.6357,
-34.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5CC2
RGB	189, 92, 194
RGB Percent	74%, 36%, 76%
CMY	0.2588, 0.6392, 0.2392
CMYK	0.03, 0.53, 0.00, 0.24
HSL	297°, 46%, 56%
HSV	297°, 53%, 76%
XYZ	34.5510, 22.3682, 53.5354
YIQ	132.6310, 25.0700, 52.2860

Conversions

Conversions Part 2

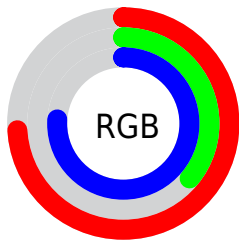
Format	Color
RYB	189, 92, 194
Decimal	12410050
CIELab	54.42, 53.33, -36.45
CIELCh	54, 64.592, 325.649
Yxy	22.3692, 0.3128, 0.2025
Android (android.graphics.Color)	4290600130 (0xFFBD5CC2)
YUV	132.6310, 30.2549, 49.4356
Hunter-Lab	47.2950, 47.6357, -34.0066

Details

The HunterLab color $47.2950, 47.6357, -34.0066$ is a light color, and the websafe version is hex $CC66CC$. The color can be described as light muted purple. A complement of this color would be $64.7288, -41.1515, 29.8898$, and the grayscale version is $48.1630, -2.5699, 2.6168$.

A 20% lighter version of the original color is $68.7728, 51.0787, -35.4107$, and $28.6411, 43.7867, -32.9461$ is the 20% darker color. If you saturate the color by 10%, you get $43.9388, 56.5424, -40.8066$, and if you desaturate by 10%, it is $51.2772, 37.9847, -26.7532$.

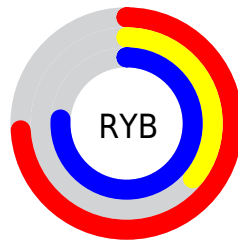
Distribution



Red (74%)

Green (36%)

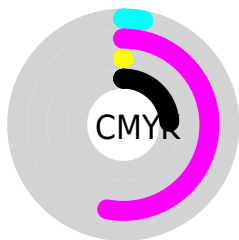
Blue (76%)



Red (74%)

Yellow (36%)

Blue (76%)

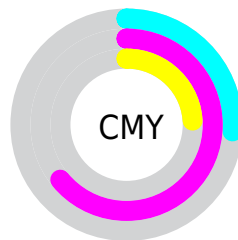


Cyan (3%)

Magenta (53%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (64%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2950, 47.6357, -34.0066 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 47.2950, 47.6357, -34.0066 by changing the saturation by 10% instead.

47.2950, 47.6357,
-34.0066

47.2950, 47.6357,
-34.0066

162.6248, 60.2001,
-38.3617

37.5878, 45.7383,
-33.3765

68.8153, 51.1068,
-35.2666

28.6531, 43.7571,
-32.8276

80.5417, 52.6826,
-35.8514

20.5661, 41.7528,
-32.5094

92.8676, 54.1570,
-36.3918

13.4269, 39.9190,
-32.8121

105.7650, 55.5357,
-36.8843

6.9924, 42.5573,
-37.5515

119.2098, 56.8242,
-37.3273

0.0000, INF, -NF

0.0000, NaN, -NF

133.1804, 58.0278,

-37.7207

0.0000, NaN, NaN

147.6578, 59.1516,
-38.0652

0.0000, NaN, NaN

■ 47.2950, 47.6357,
-34.0066

■ 47.2950, 47.6357,
-34.0066

■ 43.9388, 56.5424,
-40.8066

■ 51.2772, 37.9847,
-26.7532

■ 41.2763, 64.1532,
-46.7563

■ 55.8024, 28.0238,
-19.3534

■ 39.3519, 69.8902,
-51.4269

■ 60.7952, 18.0338,
-11.9981

■ 38.1563, 73.3623,
-54.5123

■ 66.1879, 8.1758,
-4.7923

■ 37.6115, 74.7666,
-55.9722

■ 71.9232, -1.4725,
2.2186

■ 77.9536, -10.8852,
9.0246

■ 84.2405, -20.0656,
15.6349

■ 90.7522, -29.0314,
22.0680

■ 93.4671, -32.4234,
24.6501

Harmonies

Analogous

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



47.2960, 21.7535, -65.7939



47.2950, 47.6357, -34.0066



47.2960, 60.1610, -1.2744

Triad

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



47.2960, 47.6340, -34.0050



47.2960, 1.4239, 29.9472



47.2960, -40.4143, -23.7499

Complementary

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



47.2950, 47.6357, -34.0066



64.7288, -41.1515, 29.8898

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.



47.2960, -43.5347, 6.1248



47.2950, 47.6357, -34.0066



47.2960, -22.7206, 28.8042

Square

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



47.2960, 47.6340, -34.0050



47.2960, 29.9908, 27.7232



47.2960, -37.8246, 22.6437



47.2960, -28.1007, -57.9180

Rectangle

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



47.2950, 47.6357, -34.0066



47.2960, 57.6032, 13.9232



47.2960, -37.8246, 22.6437



47.2960, -42.4379, -12.5471

Sweetspot

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



47.2960, 47.6340, -34.0050



86.3619, 15.8567, -9.9898



38.3918, 18.5317, -54.8407



39.6990, 8.7246, -5.6280

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2960, 47.6340, -34.0050



58.5726, 77.6906, -56.1500



46.1149, 40.9540, -6.9433



31.9712, 2.3773, -1.1854



30.5146, 60.6492, -45.3359



6.4045, 12.6955, -9.2537

Inverse Universe

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



44.7075, 34.4880, 13.1531



54.4274, 57.6375, 21.0785



65.3388, -37.0667, 17.8272



31.7580, 1.1512, 2.4803



27.4918, 47.1434, 17.2780



5.7391, 9.8905, 3.2276

Previews

White Background



This preview shows how the HunterLab color 47.2950, 47.6357, -34.0066 looks on a white background.

Color Contrast Check

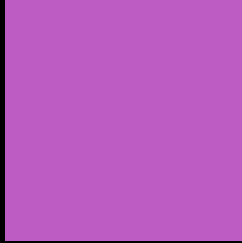
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2950, 47.6357, -34.0066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

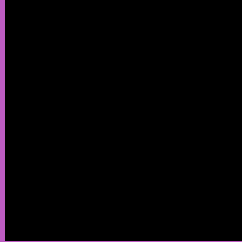
Any Text WCAG AA ✓ Pass

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 47.2950, 47.6357, -34.0066 Background



This preview shows how black text looks on a background with the HunterLab color 47.2950, 47.6357, -34.0066.



This preview shows how white text looks on a background with the HunterLab color 47.2950, 47.6357, -34.0066.

-34.0066.

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

47.2950, 47.6357, -34.0066

Protanopia

47.6337, 11.0910, -59.1198

Deuteranopia

47.4759, 3.8686, -29.3907



Tritanopia

47.3330, 22.1435, 7.6924

Trichromacy



Original Color

47.2950, 47.6357, -34.0066



Protanomaly

46.0973, 22.3791, -53.0286



Deuteranomaly

46.4885, 18.5567, -33.1591



Tritanomaly

46.9502, 30.6283, -4.8748

Monochromacy



Original Color

47.2950, 47.6357, -34.0066



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

47.0061, 14.6929, -9.8920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2950, 47.6357, -34.0066 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(189, 92, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 92, 194)  
}
```

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(189, 92, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 92, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2950, 47.6357, -34.0066 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(189, 92, 194) }
```


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

```
.border{ border-color:rgb(189, 92, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 92, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 92, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 92, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 92,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2950, 47.6357, -34.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 92, 194) }
```

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

```
.background{ background-color: rgb(189, 92,  
194) }
```

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