

Converting Colors

HunterLab(47.7500, 38.5495,
-39.8428)

Have a look what the booklet for
HunterLab(47.7500, 38.5495,
-39.8428) contains.

HunterLab(47.7315, 38.5439, -40.0951)	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(47.7315, 38.5439,
-40.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	AC67CB
RGB	172, 103, 203
RGB Percent	67%, 40%, 80%
CMY	0.3255, 0.5961, 0.2039
CMYK	0.15, 0.49, 0.00, 0.20
HSL	281°, 49%, 60%
HSV	281°, 49%, 80%
XYZ	32.6430, 22.7830, 59.1770
YIQ	135.0310, 9.0240, 45.7280

Conversions

Conversions Part 2

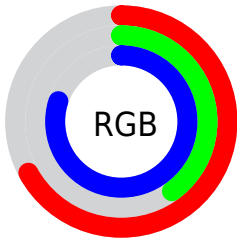
Format	Color
R_{YB}	172, 103, 203
Decimal	11298763
CIE _{Lab}	54.85, 44.77, -41.06
CIE _{LCh}	55, 60.748, 317.473
Yxy	22.7839, 0.2848, 0.1988
Android (android.graphics.Color)	4289488843 (0xFFAC67CB)
YUV	135.0310, 33.5087, 32.4218
Hunter-Lab	47.7315, 38.5439, -40.0951

Details

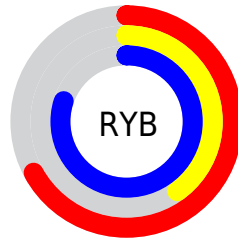
The HunterLab color $47.7315, 38.5439, -40.0951$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $69.8284, -36.2163, 31.4977$, and the grayscale version is $49.1043, -2.6201, 2.6679$.

A 20% lighter version of the original color is $69.0326, 40.1591, -38.0152$, and $28.9413, 35.1410, -38.9476$ is the 20% darker color. If you saturate the color by 10%, you get $43.0449, 47.0657, -50.4755$, and if you desaturate by 10%, it is $52.9652, 29.7417, -30.0897$.

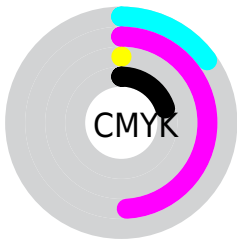
Distribution



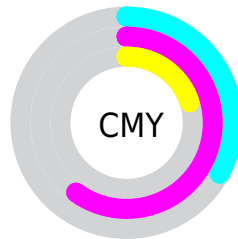
- Red (67%)
- Green (40%)
- Blue (80%)



- Red (67%)
- Yellow (40%)
- Blue (80%)



- Cyan (15%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7315, 38.5439, -40.0951 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 47.7315, 38.5439, -40.0951 by changing the saturation by 10% instead.

47.7315, 38.5439,
-40.0951

47.7315, 38.5439,
-40.0951

163.2829, 48.4830,
-45.2097

37.9921, 36.9321,
-39.4731

69.3096, 41.4155,
-41.4472

29.0227, 35.2056,
-39.0019

81.0626, 42.6894,
-42.1074

20.8971, 33.3867,
-38.8892

93.4138, 43.8647,
-42.7345

13.7144, 31.5697,
-39.6633

106.3354, 44.9484,
-43.3209

7.3268, 32.3879,
-45.1704

119.8033, 45.9466,
-43.8628

0.0000, INF, -NF

0.0000, NaN, -NF

133.7962, 46.8652,

-44.3585

0.0000, NaN, NaN

148.2951, 47.7092,
-44.8074

0.0000, NaN, NaN

■ 47.7315, 38.5439,
-40.0951

■ 47.7315, 38.5439,
-40.0951

■ 43.0449, 47.0657,
-50.4755

■ 52.9652, 29.7417,
-30.0897

■ 39.0060, 54.8626,
-60.8861

■ 58.6529, 20.9203,
-20.6062

■ 35.7203, 61.2758,
-70.6982

■ 64.7219, 12.2062,
-11.6634

■ 33.2649, 65.5534,
-79.0587

■ 71.1135, 3.6501,
-3.2227

■ 31.5701, 67.4566,
-85.4759

■ 77.7815, -4.7391,
4.7775

■ 31.4539, 67.5737,
-85.9374

■ 84.6892, -12.9721,
12.4028

■ 91.8077, -21.0682,
19.7144

■ 95.6117, -23.9972,
23.4588

■ 96.1407, -22.0582,
24.0116

Harmonies

Analogous

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



47.7325, 12.8453, -65.3451



47.7315, 38.5439, -40.0951



47.7325, 54.3827, -8.4878

Triad

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



47.7325, 38.5428, -40.0935



47.7325, 8.3919, 29.2153



47.7325, -40.4541, -13.3692

Complementary

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



47.7315, 38.5439, -40.0951



69.8284, -36.2163, 31.4977

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.



47.7325, -41.1588, 11.5330



47.7315, 38.5439, -40.0951



47.7325, -16.2107, 28.9376

Square

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



47.7325, 38.5428, -40.0935



47.7325, 34.7069, 25.5784



47.7325, -33.1992, 24.3979



47.7325, -31.0209, -45.2162

Rectangle

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



47.7315, 38.5439, -40.0951



47.7325, 55.4408, 8.1989



47.7325, -33.1992, 24.3979



47.7325, -41.6375, -3.7760

Sweetspot

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



47.7325, 38.5428, -40.0935



87.0615, 11.2746, -10.5849



49.4281, 3.7523, -37.2502



39.4687, 6.3147, -5.9885

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7325, 38.5428, -40.0935



55.4022, 61.4665, -66.0322



50.8788, 44.9850, -21.1340



33.5000, 1.7773, -1.5740



25.1916, 54.0336, -68.1566



6.0529, 12.7044, -14.2175

Inverse Universe

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



49.1112, 36.8420, 3.6772



57.8897, 58.5609, 6.6278



68.5454, -40.7324, 25.7839



33.5708, 1.6172, 1.6097



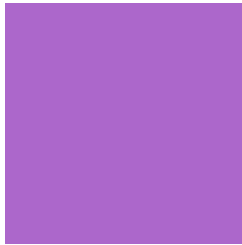
28.8486, 50.2443, 12.1280



6.6561, 11.7923, 1.2502

Previews

White Background



This preview shows how the HunterLab color 47.7315, 38.5439, -40.0951 looks on a white background.

Color Contrast Check

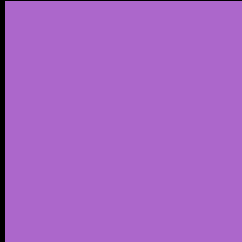
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7315, 38.5439, -40.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

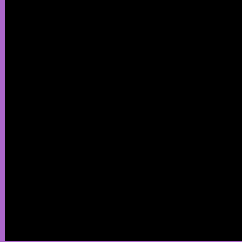
Any Text WCAG AA ✓ Pass

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 47.7315, 38.5439, -40.0951 Background



This preview shows how black text looks on a background with the HunterLab color 47.7315, 38.5439, -40.0951.



This preview shows how white text looks on a background with the HunterLab color 47.7315, 38.5439, -40.0951.

-40.0951.

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

47.7315, 38.5439, -40.0951

Protanopia

48.0137, 11.0241, -59.0709

Deuteranopia

48.0380, 3.9095, -36.2709



Tritanopia

47.8158, 11.7568, 3.4827

Trichromacy



Original Color

47.7315, 38.5439, -40.0951

Protanomaly

47.0930, 19.3945, -54.1508

Deuteranomaly

47.2831, 15.4651, -39.1132

Tritanomaly

47.4007, 21.0598, -10.3224

Monochromacy



Original Color

47.7315, 38.5439, -40.0951

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

47.9582, 11.5082, -11.3629

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7315, 38.5439, -40.0951 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(172, 103, 203)` looks like.

```
.text, #text, p{  
    color:rgb(172, 103, 203)  
}
```

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(172, 103, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 103, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7315, 38.5439, -40.0951 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(172, 103, 203) }
```


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

```
.border{ border-color:rgb(172, 103, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 103, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 103, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 103, 203);  
box-shadow:4px 4px 4px 4px rgb(172, 103,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7315, 38.5439, -40.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 103, 203) }
```

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

```
.background{ background-color: rgb(172,  
103, 203) }
```

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