

Converting Colors

HunterLab(40.5155, 36.8078,
-31.0354)

Have a look what the booklet for
HunterLab(40.5155, 36.8078,
-31.0354) contains.

HunterLab(40.5574, 36.5260, -30.6927)	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(40.5574, 36.5260,
-30.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	9D54AB
RGB	157, 84, 171
RGB Percent	62%, 33%, 67%
CMY	0.3843, 0.6706, 0.3294
CMYK	0.08, 0.51, 0.00, 0.33
HSL	290°, 34%, 50%
HSV	290°, 51%, 67%
XYZ	24.4257, 16.4490, 40.4157
YIQ	115.7450, 15.5810, 42.5330

Conversions

Conversions Part 2

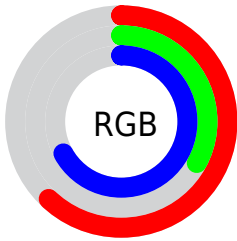
Format	Color
R _Y B	157, 84, 171
Decimal	10310827
CIE Lab	47.56, 43.93, -34.15
CIE LCh	48, 55.641, 322.138
Yxy	16.4497, 0.3005, 0.2024
Android (android.graphics.Color)	4288500907 (0xFF9D54AB)
YUV	115.7450, 27.2407, 36.1806
Hunter-Lab	40.5574, 36.5260, -30.6927

Details

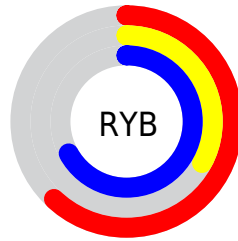
The HunterLab color $40.5574, 36.5260, -30.6927$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $56.8885, -33.0331, 25.7338$, and the grayscale version is $41.5875, -2.2190, 2.2595$.

A 20% lighter version of the original color is $61.0741, 39.5752, -32.2236$, and $22.9767, 32.8744, -29.4939$ is the 20% darker color. If you saturate the color by 10%, you get $37.1991, 43.9535, -37.7174$, and if you desaturate by 10%, it is $44.4026, 28.6750, -23.5835$.

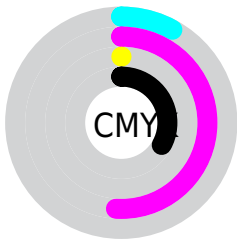
Distribution



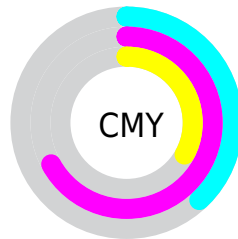
- Red (62%)
- Green (33%)
- Blue (67%)



- Red (62%)
- Yellow (33%)
- Blue (67%)



- Cyan (8%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5574, 36.5260, -30.6927 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 40.5574, 36.5260, -30.6927 by changing the saturation by 10% instead.

40.5574, 36.5260, -30.6927

40.5574, 36.5260, -30.6927

152.3092, 46.8041, -34.8761

31.3735, 34.8574, -30.0969

61.1369, 39.5038, -31.9175

23.0108, 33.0838, -29.6231

72.4339, 40.8235, -32.4870

15.5607, 31.2639, -29.5032

84.3520, 42.0396, -33.0112

9.1479, 29.6703, -30.4685

96.8603, 43.1596, -33.4857

0.0000, INF, -NF

0.0000, NaN, -NF

109.9322, 44.1901, -33.9092

0.0000, NaN, NaN

123.5444, 45.1375,

0.0000, NaN, NaN

-34.2815

0.0000, NaN, NaN

137.6762, 46.0072,
-34.6034

■ 40.5574, 36.5260,
-30.6927

■ 40.5574, 36.5260,
-30.6927

■ 37.1991, 43.9535,
-37.7174

■ 44.4026, 28.6750,
-23.5835

■ 34.3974, 50.5355,
-44.3303

■ 48.6616, 20.6923,
-16.5962

■ 32.2139, 55.7474,
-50.0858

■ 53.2729, 12.7463,
-9.8305

■ 30.6753, 59.1101,
-54.5317

■ 58.1840, 4.9233,
-3.3218

■ 29.7039, 60.7673,
-57.5366

■ 63.3522, -2.7419,
2.9314

■ 68.7428, -10.2441,
8.9493

■ 74.3278, -17.5927,
14.7590

■ 80.0845, -24.8040,
20.3892

■ 85.9943, -31.8966,
25.8669

Harmonies

Analogous

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



40.5583, 14.8731, -54.8330



40.5574, 36.5260, -30.6927



40.5583, 48.2813, -3.6353

Triad

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



40.5583, 36.5248, -30.6913



40.5583, 3.7293, 25.1759



40.5583, -34.1534, -15.8809

Complementary

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



40.5574, 36.5260, -30.6927



56.8885, -33.0331, 25.7338

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.



40.5583, -35.9026, 7.2929



40.5574, 36.5260, -30.6927



40.5583, -16.7872, 24.4996

Square

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



40.5583, 36.5248, -30.6913



40.5583, 26.9069, 22.7595



40.5583, -30.2426, 19.8503



40.5583, -24.8242, -43.5878

Rectangle

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



40.5574, 36.5260, -30.6927



40.5583, 47.4992, 9.7304



40.5583, -30.2426, 19.8503



40.5583, -35.5548, -7.1056

Sweetspot

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



40.5583, 36.5248, -30.6913



74.9346, 11.1601, -8.2262



36.9528, 9.8290, -38.8758



34.7525, 6.2832, -4.7281



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.



40.5583, 36.5248, -30.6913



49.2895, 59.9540, -51.5803



41.1731, 35.6717, -10.8575



28.4286, 1.7910, -1.1226



25.8272, 52.8118, -49.8366



4.5023, 9.0799, -7.7069

Inverse Universe

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



39.8511, 29.5642, 7.8808



48.3054, 49.1241, 13.1099



56.7480, -32.6238, 18.0733



28.3471, 1.1198, 1.8451



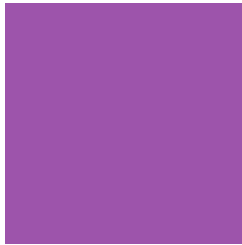
25.6781, 44.2347, 14.5753



4.3550, 7.6439, 1.3736

Previews

White Background



This preview shows how the HunterLab color 40.5574, 36.5260, -30.6927 looks on a white background.

Color Contrast Check

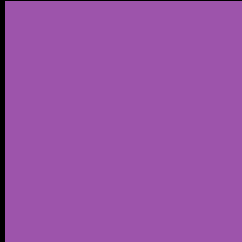
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5574, 36.5260, -30.6927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

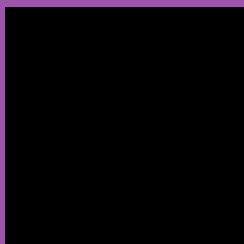
Any Text WCAG AA × Fail

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 40.5574, 36.5260, -30.6927 Background



This preview shows how black text looks on a background with the HunterLab color 40.5574, 36.5260, -30.6927.



This preview shows how white text looks on a background with the HunterLab color 40.5574, 36.5260, -30.6927.

-30.6927.

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

40.5574, 36.5260, -30.6927

Protanopia

41.0935, 8.8598, -49.0150

Deuteranopia

40.7009, 3.2921, -27.4160



Tritanopia

40.5854, 14.4037, 4.9402

Trichromacy



Original Color

40.5574, 36.5260, -30.6927

Protanomaly

39.8957, 17.2517, -44.1513

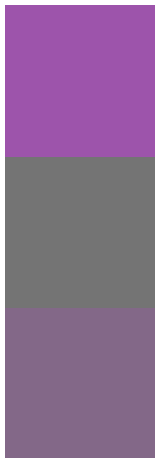
Deuteranomaly

39.9684, 14.4163, -30.0738

Tritanomaly

40.2448, 21.8025, -5.9330

Monochromacy



Original Color

40.5574, 36.5260, -30.6927

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

40.6245, 11.3118, -8.7640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5574, 36.5260, -30.6927 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(157, 84, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 84, 171)  
}
```

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(157, 84, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 84, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5574, 36.5260, -30.6927 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(157, 84, 171) }
```


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

```
.border{ border-color:rgb(157, 84, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 84, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 84, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 84, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 84,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5574, 36.5260, -30.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 84, 171) }
```

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

```
.background{ background-color: rgb(157, 84,  
171) }
```

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