

Converting Colors

HunterLab(30.4873, 37.7718,
-27.2552)

Have a look what the booklet for
HunterLab(30.4873, 37.7718,
-27.2552) contains.

HunterLab(30.5930, 37.7572, -27.0872)	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(30.5930, 37.7572,
-27.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	86348A
RGB	134, 52, 138
RGB Percent	53%, 20%, 54%
CMY	0.4745, 0.7961, 0.4588
CMYK	0.03, 0.62, 0.00, 0.46
HSL	297°, 45%, 37%
HSV	297°, 62%, 54%
XYZ	15.6470, 9.3593, 25.0267
YIQ	86.3220, 21.2660, 44.1300

Conversions

Conversions Part 2

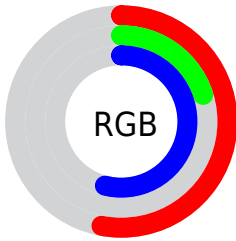
Format	Color
RYB	134, 52, 138
Decimal	8795274
CIELab	36.67, 47.02, -31.71
CIElCh	37, 56.708, 326.007
Yxy	9.3597, 0.3127, 0.1871
Android (android.graphics.Color)	4286985354 (0xFF86348A)
YUV	86.3220, 25.4773, 41.8136
Hunter-Lab	30.5930, 37.7572, -27.0872

Details

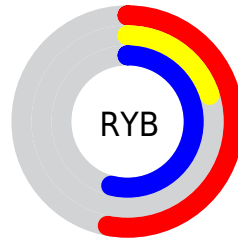
The HunterLab color **30.5930, 37.7572, -27.0872** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **43.8930, -30.6981, 22.1202**, and the grayscale version is **30.5285, -1.6289, 1.6587**.

A 20% lighter version of the original color is **49.5229, 41.1141, -28.4689**, and **15.6123, 31.1440, -24.0772** is the 20% darker color. If you saturate the color by 10%, you get **28.7230, 43.0571, -31.1807**, and if you desaturate by 10%, it is **32.9088, 31.6824, -22.4877**.

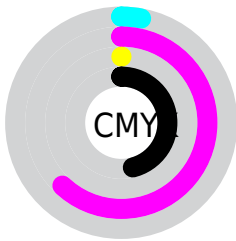
Distribution



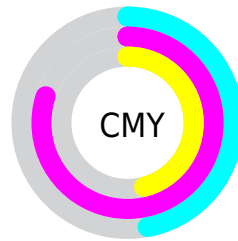
- Red (53%)
- Green (20%)
- Blue (54%)



- Red (53%)
- Yellow (20%)
- Blue (54%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)
- Black (46%)















- Cyan (47%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5930, 37.7572, -27.0872 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 30.5930, 37.7572, -27.0872 by changing the saturation by 10% instead.

 30.5930, 37.7572, -27.0872	 30.5930, 37.7572, -27.0872
 136.3962, 49.9548, -31.2014	 22.3082, 35.8887, -26.5839
 49.5823, 41.2038, -28.2692	 14.9449, 34.0253, -26.3717
 60.1614, 42.7562, -28.8363	 8.5917, 32.8499, -27.3015
 71.4014, 44.1971, -29.3601	0.0000, INF, -NF
 83.2655, 45.5328, -29.8337	0.0000, NaN, -NF
 95.7223, 46.7700, -30.2545	0.0000, NaN, NaN
 108.7450, 47.9155,	0.0000, NaN, NaN

-30.6221

0.0000, NaN, NaN

122.3099, 48.9753,
-30.9373

■ 30.5930, 37.7572,
-27.0872

■ 30.5930, 37.7572,
-27.0872

■ 28.7230, 43.0571,
-31.1807

■ 32.9088, 31.6824,
-22.4877

■ 27.3288, 47.2145,
-34.4993

■ 35.6216, 25.1780,
-17.6306

■ 26.4140, 49.9403,
-36.8219

■ 38.6819, 18.5012,
-12.6956

■ 25.8978, 51.4360,
-38.1897

■ 42.0415, 11.8203,
-7.7972

■ 45.6584, 5.2319,
-2.9977

■ 49.4964, -1.2179,
1.6756

■ 53.5260, -7.5135,
6.2167

■ 57.7225, -13.6571,
10.6314

■ 62.0660, -19.6601,
14.9311

Harmonies

Analogous

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



30.5937, 17.3577, -53.7465



30.5930, 37.7572, -27.0872



30.5937, 47.6412, -1.0252

Triad

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



30.5937, 37.7560, -27.0860



30.5937, 1.1221, 20.5146



30.5937, -29.3316, -19.4073

Complementary

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



30.5930, 37.7572, -27.0872



43.8930, -30.6981, 22.1202

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.



30.5937, -31.5706, 4.1317



30.5930, 37.7572, -27.0872



30.5937, -16.8896, 19.7552

Square

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



30.5937, 37.7560, -27.0860



30.5937, 23.2918, 19.2008



30.5937, -27.6657, 15.9704



30.5937, -20.4854, -47.6388

Rectangle

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



30.5930, 37.7572, -27.0872



30.5937, 45.4512, 10.2124



30.5937, -27.6657, 15.9704



30.5937, -30.7641, -10.3958

Sweetspot

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



30.5937, 37.7560, -27.0860



57.1810, 13.1314, -8.4818



23.2874, 16.2201, -46.5852



26.5270, 7.2570, -4.7746



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



30.5937, 37.7560, -27.0860



37.2618, 59.7441, -43.4325



29.6079, 32.4451, -4.9779



22.6215, 1.5329, -0.7265



24.8013, 49.2564, -36.5577



2.0629, 4.0746, -2.8667

Inverse Universe

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



28.5398, 27.7564, 10.2986



34.0738, 45.1092, 16.3659



44.3368, -27.7456, 13.6886



22.4769, 0.7039, 1.7323



22.2880, 38.2296, 13.9320



1.8284, 3.1596, 0.9611

Previews

White Background



This preview shows how the HunterLab color 30.5930, 37.7572, -27.0872 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.5930, 37.7572, -27.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

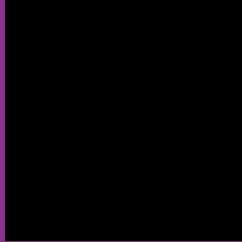
Any Text WCAG AA × Fail

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 30.5930, 37.7572, -27.0872 Background



This preview shows how black text looks on a background with the HunterLab color 30.5930, 37.7572, -27.0872.



This preview shows how white text looks on a background with the HunterLab color 30.5930, 37.7572, -27.0872.

-27.0872.

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

30.5930, 37.7572, -27.0872

Protanopia

30.9514, 9.4898, -51.7262

Deuteranopia

30.9938, 1.9307, -22.6276



Tritanopia

30.5351, 17.0884, 6.1896

Trichromacy



Original Color

30.5930, 37.7572, -27.0872

Protanomaly

29.1299, 17.3518, -46.6712

Deuteranomaly

29.6521, 14.1361, -26.5788

Tritanomaly

30.1728, 24.3138, -3.6883

Monochromacy



Original Color

30.5930, 37.7572, -27.0872

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.6666, 11.8149, -8.2226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5930, 37.7572, -27.0872 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(134, 52, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 52, 138)  
}
```

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(134, 52, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 52, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5930, 37.7572, -27.0872 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(134, 52, 138) }
```


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

```
.border{ border-color:rgb(134, 52, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 52, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 52, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 52, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 52,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5930, 37.7572, -27.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 52, 138) }
```

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

```
.background{ background-color: rgb(134, 52,  
138) }
```

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