

Converting Colors

HunterLab(34.0160, 48.1034,
-28.1151)

Have a look what the booklet for
HunterLab(34.0160, 48.1034,
-28.1151) contains.

HunterLab(33.9627, 47.9288, -27.8712)	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(33.9627, 47.9288,
-27.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3195
RGB	157, 49, 149
RGB Percent	62%, 19%, 58%
CMY	0.3843, 0.8078, 0.4157
CMYK	0.00, 0.69, 0.05, 0.38
HSL	304°, 52%, 40%
HSV	304°, 69%, 62%
XYZ	20.4278, 11.5346, 29.5835
YIQ	92.6920, 32.2680, 53.9960

Conversions

Conversions Part 2

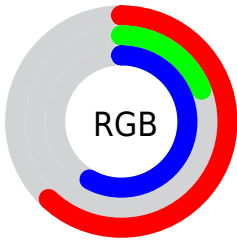
Format	Color
R _{YB}	157, 49, 149
Decimal	10301845
CIE _{Lab}	40.47, 56.11, -32.18
CIE _{LCh}	40, 64.680, 330.165
Y _{xy}	11.5352, 0.3319, 0.1874
Android (android.graphics.Color)	4288491925 (0xFF9D3195)
Y _{UV}	92.6920, 27.7598, 56.3981
Hunter-Lab	33.9627, 47.9288, -27.8712

Details

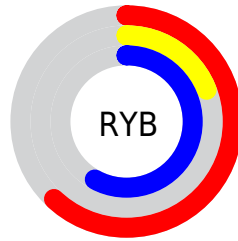
The HunterLab color $[33.9627, 47.9288, -27.8712]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[50.0628, -37.4691, 25.6072]$, and the grayscale version is $[32.8638, -1.7535, 1.7856]$.

A 20% lighter version of the original color is $[53.4382, 52.0570, -29.5428]$, and $[19.2526, 37.5509, -23.0647]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.2582, 53.0536, -30.5646]$, and if you desaturate by 10%, it is $[36.2247, 41.5464, -24.2906]$.

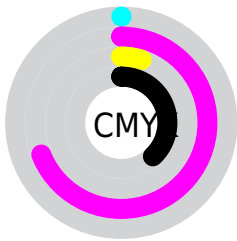
Distribution



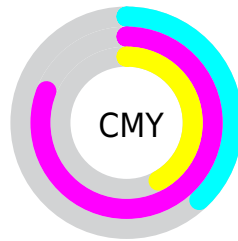
- Red (62%)
- Green (19%)
- Blue (58%)



- Red (62%)
- Yellow (19%)
- Blue (58%)



- Cyan (0%)
- Magenta (69%)
- Yellow (5%)
- Black (38%)















- Cyan (38%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9627, 47.9288, -27.8712 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 33.9627, 47.9288, -27.8712 by changing the saturation by 10% instead.

 33.9627, 47.9288, -27.8712	 33.9627, 47.9288, -27.8712
141.8814, 62.4733, -31.9430	 25.3536, 45.8667, -27.3241
 53.5216, 51.8555, -29.0640	 17.6268, 43.8732, -26.9794
 64.3566, 53.6699, -29.6250	 10.8990, 42.3171, -27.2544
 75.8378, 55.3784, -30.1408	 2.2753, 118.4655, -77.2246
 87.9305, 56.9839, -30.6057	0.0000, INF, -NF
	0.0000, NaN, NaN
 100.6053, 58.4910, -31.0181	0.0000, NaN, NaN
 113.8366, 59.9048,	0.0000, NaN, NaN

-31.3777

0.0000, NaN, NaN

127.6020, 61.2306,
-31.6856

■ 33.9627, 47.9288,
-27.8712

■ 33.9627, 47.9288,
-27.8712

■ 32.2582, 53.0536,
-30.5646

■ 36.2247, 41.5464,
-24.2906

■ 31.1199, 56.5621,
-32.1698

■ 39.0001, 34.3447,
-20.0890

■ 30.4462, 58.5572,
-32.7837

■ 42.2330, 26.7053,
-15.5078

■ 30.3710, 58.7799,
-32.8444

■ 45.8642, 18.9095,
-10.7331

■ 49.8380, 11.1365,
-5.8903

■ 54.1060, 3.4859,
-1.0549

■ 58.6270, -3.9965,
3.7324

■ 63.3673, -11.2978,
8.4534

■ 68.2988, -18.4235,
13.1033

Harmonies

Analogous

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



33.9635, 24.4886, -61.7900



33.9627, 47.9288, -27.8712



33.9635, 57.4126, 1.9740

Triad

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



33.9635, 47.9271, -27.8698



33.9635, -1.9459, 23.1530



33.9635, -33.1048, -28.2557

Complementary

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



33.9627, 47.9288, -27.8712



50.0628, -37.4691, 25.6072

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.



33.9635, -36.6255, 1.7230



33.9627, 47.9288, -27.8712



33.9635, -21.9520, 22.0841

Square

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



33.9635, 47.9271, -27.8698



33.9635, 24.1953, 22.1068



33.9635, -33.1830, 17.1955



33.9635, -21.7802, -62.1015

Rectangle

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



33.9627, 47.9288, -27.8712



33.9635, 52.9597, 13.7262



33.9635, -33.1830, 17.1955



33.9635, -35.0737, -16.9285

Sweetspot

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



33.9635, 47.9271, -27.8698



65.2625, 17.6143, -9.5813



23.4053, 26.3579, -65.9216



29.9751, 9.4995, -5.2665



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.9635, 47.9271, -27.8698



42.1929, 74.0115, -42.3391



31.9471, 39.6679, -0.0697



25.9732, 1.8495, -0.6163



27.3748, 52.9878, -29.6563



3.6913, 7.1927, -4.3684

Inverse Universe

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



33.9635, 47.9271, -27.8698



42.1929, 74.0115, -42.3391



50.8896, -32.4110, 13.5361



25.9732, 1.8495, -0.6163



27.3748, 52.9878, -29.6563



3.6913, 7.1927, -4.3684

Previews

White Background



This preview shows how the HunterLab color 33.9627, 47.9288, -27.8712 looks on a white background.

Color Contrast Check

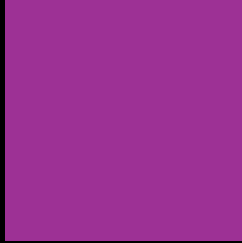
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9627, 47.9288, -27.8712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

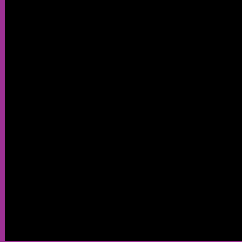
Any Text WCAG AA × Fail

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 33.9627, 47.9288, -27.8712 Background



This preview shows how black text looks on a background with the HunterLab color 33.9627, 47.9288, -27.8712.



This preview shows how white text looks on a background with the HunterLab color 33.9627, 47.9288, -27.8712.

-27.8712.

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

33.9627, 47.9288, -27.8712

Protanopia

34.4908, 11.3842, -61.3079

Deuteranopia

34.4913, 2.3944, -22.6955



Tritanopia

34.0002, 24.7689, 9.1407

Trichromacy



Original Color

33.9627, 47.9288, -27.8712

Protanomaly

31.8011, 21.1746, -54.6925

Deuteranomaly

32.7116, 18.3349, -28.0759

Tritanomaly

33.6474, 32.5251, -1.3084

Monochromacy



Original Color

33.9627, 47.9288, -27.8712

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

31.9578, 15.7746, -9.0159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9627, 47.9288, -27.8712 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, 49, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 49, 149)  
}
```

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, 49, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 49, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9627, 47.9288, -27.8712 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, 49, 149) }
```


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

```
.border{ border-color:rgb(157, 49, 149) }
```

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

Here you see how a box with a 4 pixel rgb(157, 49, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 49, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 49, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 49,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9627, 47.9288, -27.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 49, 149) }
```

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

```
.background{ background-color: rgb(157, 49,  
149) }
```

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