

Converting Colors

HunterLab(20.0833, 83.2800,
-4.5855)

Have a look what the booklet for
HunterLab(20.0833, 83.2800,
-4.5855) contains.

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Color

**HunterLab(27.6571, 49.1028,
4.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0049
RGB	157, 0, 73
RGB Percent	62%, 0%, 29%
CMY	0.3843, 0.9999, 0.7137
CMYK	0.00, 1.00, 0.54, 0.38
HSL	332°, 100%, 31%
HSV	332°, 100%, 62%
XYZ	15.1072, 7.6492, 6.9835
YIQ	55.2650, 70.1390, 55.9870

Conversions

Conversions Part 2

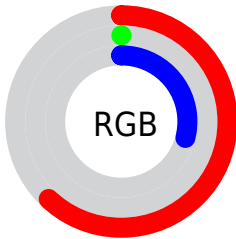
Format	Color
RYB	157, 0, 73
Decimal	10289225
CIELab	33.24, 58.59, 4.84
CIElCh	33, 58.794, 4.725
Yxy	7.6496, 0.5080, 0.2572
Android (android.graphics.Color)	4288479305 (0xFF9D0049)
YUV	55.2650, 8.7434, 89.2216
Hunter-Lab	27.6571, 49.1028, 4.3890

Details

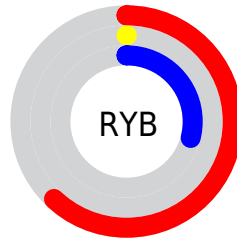
The HunterLab color **27.6571, 49.1028, 4.3890** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **49.7539, -38.0678, 19.9911**, and the grayscale version is **19.5947, -1.0455, 1.0646**.

A 20% lighter version of the original color is **46.1531, 53.2467, 6.1335**, and **16.5722, 28.9461, 6.3240** is the 20% darker color. If you saturate the color by 10%, you get **27.6568, 49.1017, 4.3930**, and if you desaturate by 10%, it is **28.5142, 47.6695, 2.0537**.

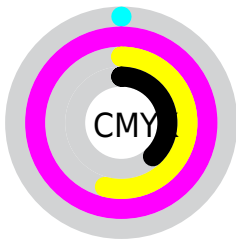
Distribution



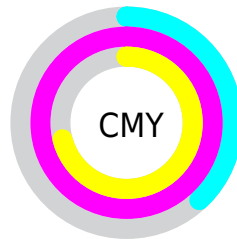
- Red (62%)
- Green (0%)
- Blue (29%)



- Red (62%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6571, 49.1028, 4.3890 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 27.6571, 49.1028, 4.3890 by changing the saturation by 10% instead.

27.6571, 49.1028,
4.3890

27.6571, 49.1028,
4.3890

131.5133, 64.9119,
12.1933

19.6763, 47.0462,
3.6079

46.1179, 53.2585,
5.9883

12.6569, 45.3500,
2.8245

56.4609, 55.2230,
6.8133

5.9911, 53.7468,
3.6766

67.4790, 57.0859,
7.6580

0.0000, INF, NaN

0.0000, NaN, NaN

79.1330, 58.8450,
8.5232

0.0000, NaN, NaN

91.3900, 60.5027,
9.4093

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2217, 62.0632,

10.3163

0.0000, NaN, NaN

117.6034, 63.5313,
11.2444

27.6571, 49.1028,
4.3890

27.6571, 49.1028,
4.3890

27.6568, 49.1017,
4.3930

28.5142, 47.6695,
2.0537

29.8414, 44.9355,
0.0438

31.7752, 40.6804,
-1.3636

34.2881, 35.2918,
-2.1187

37.3221, 29.1978,
-2.2607

■ 40.8086, 22.7493,
-1.8756

■ 44.6810, 16.1854,
-1.0606

■ 48.8805, 9.6472,
0.0959

■ 53.3578, 3.2066,
1.5208

Harmonies

Analogous

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



27.6579, 43.3535, -19.4771



27.6571, 49.1028, 4.3890



27.6579, 38.4223, 15.3963

Triad

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



27.6579, 49.0997, 4.3898



27.6579, -20.3690, 18.0130



27.6579, -16.2351, -57.4265

Complementary

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



27.6571, 49.1028, 4.3890



49.7539, -38.0678, 19.9911

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.



27.6579, -26.7837, -29.0555



27.6571, 49.1028, 4.3890



27.6579, -28.6434, 13.1221

Square

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



27.6579, 49.0997, 4.3898



27.6579, -4.6163, 19.3606



27.6579, -30.5979, -1.7273



27.6579, 1.8083, -66.8452

Rectangle

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



27.6571, 49.1028, 4.3890



27.6579, 24.8367, 17.9644



27.6579, -30.5979, -1.7273



27.6579, -20.5863, -49.1243

Sweetspot

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



27.6579, 49.0997, 4.3898



59.4745, 22.1807, -1.4977



20.7553, 47.2663, -77.5042



26.9298, 12.0127, -0.9252



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.



27.6579, 49.0997, 4.3898



36.9603, 65.5231, 6.6164



26.9856, 45.1273, 17.4170



25.8745, 1.3198, 0.7875



24.9394, 44.3050, 3.7470



3.4595, 6.3751, -1.2572

Inverse Universe

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



27.6579, 49.0997, 4.3898



36.9603, 65.5231, 6.6164



49.8151, -25.2702, -7.7118



25.8745, 1.3198, 0.7875



24.9394, 44.3050, 3.7470



3.4595, 6.3751, -1.2572

Previews

White Background



This preview shows how the HunterLab color 27.6571, 49.1028, 4.3890 looks on a white background.

Color Contrast Check

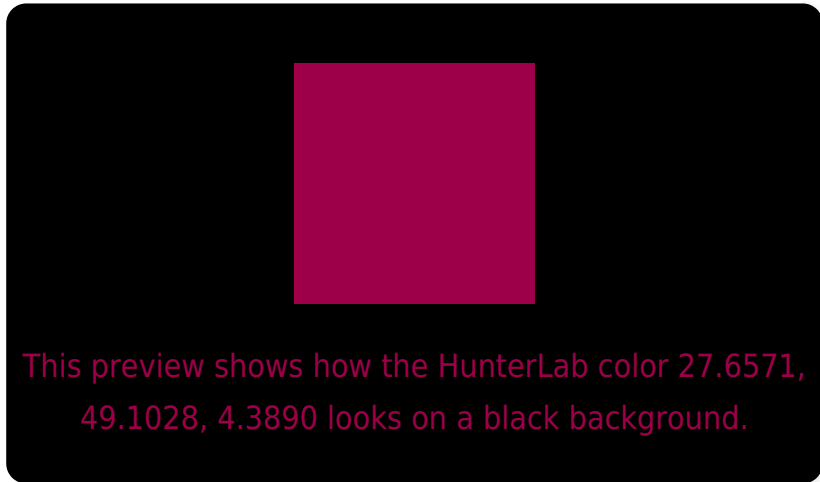
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

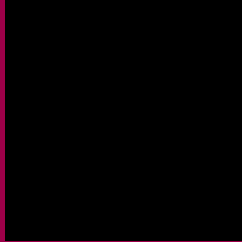
Any Text WCAG AA × Fail

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 27.6571, 49.1028, 4.3890 Background



This preview shows how black text looks on a background with the HunterLab color 27.6571, 49.1028, 4.3890.



This preview shows how white text looks on a background with the HunterLab color 27.6571, 49.1028,

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

27.6571, 49.1028, 4.3890

Protanopia

28.7642, 1.6152, -10.3538

Deuteranopia

28.6737, 1.6388, 7.0396



Tritanopia

28.1709, 40.5418, 15.6221

Trichromacy



Original Color

27.6571, 49.1028, 4.3890

Protanomaly

24.8577, 21.3415, -9.5674

Deuteranomaly

25.4809, 22.3147, 2.9913

Tritanomaly

27.7308, 44.1637, 12.5528

Monochromacy



Original Color

27.6571, 49.1028, 4.3890

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.5581, 19.4763, -1.4232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6571, 49.1028, 4.3890 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, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 73)  
}
```

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, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6571, 49.1028, 4.3890 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, 0, 73) }
```


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

```
.border{ border-color:rgb(157, 0, 73) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(157, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6571, 49.1028, 4.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 73) }
```

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

```
.background{ background-color: rgb(157, 0,  
73) }
```

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](#).

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