

Converting Colors

HunterLab(23.9512, 75.1063,
-36.0021)

Have a look what the booklet for
HunterLab(23.9512, 75.1063,
-36.0021) contains.

HunterLab(28.7873, 54.8977, -24.7969)	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(28.7873, 54.8977,
-24.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	980082
RGB	152, 0, 130
RGB Percent	60%, 0%, 51%
CMY	0.4039, 0.9999, 0.4902
CMYK	0.00, 1.00, 0.14, 0.40
HSL	309°, 100%, 30%
HSV	309°, 100%, 60%
XYZ	16.9781, 8.2871, 21.8238
YIQ	60.2680, 48.8620, 72.6540

Conversions

Conversions Part 2

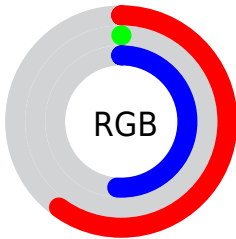
Format	Color
R_{YB}	152, 0, 130
Decimal	9961602
CIE _{Lab}	34.57, 63.60, -29.85
CIE _{LCh}	35, 70.255, 334.859
Yxy	8.2875, 0.3606, 0.1760
Android (android.graphics.Color)	4288151682 (0xFF980082)
YUV	60.2680, 34.3779, 80.4490
Hunter-Lab	28.7873, 54.8977, -24.7969

Details

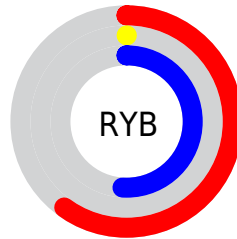
The HunterLab color **28.7873, 54.8977, -24.7969** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47.4497, -40.2512, 27.5841**, and the grayscale version is **21.2259, -1.1326, 1.1532**.

A 20% lighter version of the original color is **47.5072, 59.0772, -25.6031**, and **17.5100, 33.2940, -14.3259** is the 20% darker color. If you saturate the color by 10%, you get **28.7873, 54.8974, -24.7954**, and if you desaturate by 10%, it is **29.4867, 53.1339, -24.9389**.

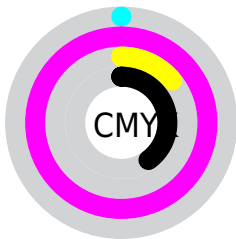
Distribution



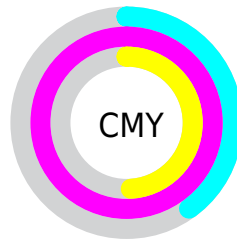
- Red (60%)
- Green (0%)
- Blue (51%)



- Red (60%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7873, 54.8977, -24.7969 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 28.7873, 54.8977, -24.7969 by changing the saturation by 10% instead.

■ 28.7873, 54.8977,
-24.7969

■ 28.7873, 54.8977,
-24.7969

■ 133.4054, 71.8873,
-28.6353

■ 20.6869, 52.7968,
-24.2986

■ 47.4554, 59.2574,
-25.9436

■ 13.5318, 51.1361,
-24.0897

■ 57.8909, 61.3498,
-26.4838

■ 7.1165, 54.8999,
-26.6232

■ 68.9958, 63.3486,
-26.9767

0.0000, INF, -NF

■ 80.7320, 65.2481,
-27.4166

0.0000, NaN, -NF

■ 93.0671, 67.0485,
-27.8018

0.0000, NaN, NaN

■ 105.9734, 68.7525,

0.0000, NaN, NaN

-28.1324

0.0000, NaN, NaN

119.4266, 70.3640,
-28.4097

28.7873, 54.8977,
-24.7969

28.7873, 54.8977,
-24.7969

28.7873, 54.8974,
-24.7954

29.4867, 53.1339,
-24.9389

30.5903, 50.0706,
-24.2730

32.2402, 45.4405,
-22.5864

34.4262, 39.5843,
-20.0302

37.1076, 32.9155,
-16.8223

■ 40.2293, 25.8024,
-13.1765

■ 43.7337, 18.5164,
-9.2648

■ 47.5669, 11.2314,
-5.2094

■ 51.6820, 4.0449,
-1.0891

Harmonies

Analogous

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



28.7880, 30.7295, -65.0333



28.7873, 54.8977, -24.7969



28.7880, 62.2416, 5.1183

Triad

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



28.7880, 54.8956, -24.7956



28.7880, -5.4293, 20.1516



28.7880, -30.9423, -37.7465

Complementary

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



28.7873, 54.8977, -24.7969



47.4497, -40.2512, 27.5841

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.



28.7880, -35.0977, -2.5036



28.7873, 54.8977, -24.7969



28.7880, -23.8614, 19.8690

Square

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



28.7880, 54.8956, -24.7956



28.7880, 21.3968, 20.1516



28.7880, -33.0271, 14.8643



28.7880, -18.9782, -75.9699

Rectangle

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



28.7873, 54.8977, -24.7969



28.7880, 55.0596, 14.7772



28.7880, -33.0271, 14.8643



28.7880, -33.0763, -24.4356

Sweetspot

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



28.7880, 54.8956, -24.7956



57.8136, 25.1771, -12.6244



15.5533, 41.2050, -102.9355



26.6800, 13.7972, -6.9915



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



28.7880, 54.8956, -24.7956



38.2194, 72.8417, -32.5887



26.3796, 46.2453, 8.7292



25.1163, 1.6928, -0.3744



26.3667, 50.2919, -22.7929



3.2805, 6.3478, -3.5372

Inverse Universe

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



28.7880, 54.8956, -24.7956



38.2194, 72.8417, -32.5887



48.2766, -35.1142, 15.4611



25.1163, 1.6928, -0.3744



26.3667, 50.2919, -22.7929



3.2805, 6.3478, -3.5372

Previews

White Background



This preview shows how the HunterLab color 28.7873, 54.8977, -24.7969 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 28.7873, 54.8977, -24.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

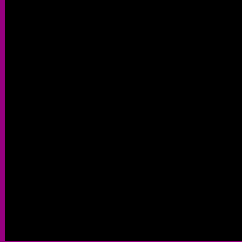
Any Text WCAG AA × Fail

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 28.7873, 54.8977, -24.7969 Background



This preview shows how black text looks on a background with the HunterLab color 28.7873, 54.8977, -24.7969.



This preview shows how white text looks on a background with the HunterLab color 28.7873, 54.8977, -24.7969.

-24.7969.

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

28.7873, 54.8977, -24.7969

Protanopia

29.8362, 10.5164, -59.9946

Deuteranopia

30.0183, 1.8024, -17.8380



Tritanopia

29.4172, 30.5983, 11.6283

Trichromacy



Original Color

28.7873, 54.8977, -24.7969



Protanomaly

23.8800, 24.6569, -64.0518



Deuteranomaly

25.8448, 24.6691, -28.1525



Tritanomaly

28.1747, 40.9891, 1.2802

Monochromacy



Original Color

28.7873, 54.8977, -24.7969



Achromatopsia

21.2570, -1.1342, 1.1549



Achromatomaly

20.9028, 21.8904, -11.1141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7873, 54.8977, -24.7969 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(152, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 130)  
}
```

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(152, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7873, 54.8977, -24.7969 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(152, 0, 130) }
```


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

```
.border{ border-color:rgb(152, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7873, 54.8977, -24.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 130) }
```

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

```
.background{ background-color: rgb(152, 0,  
130) }
```

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