

Converting Colors

HunterLab(34.8632, 28.4832,
-27.8116)

Have a look what the booklet for
HunterLab(34.8632, 28.4832,
-27.8116) contains.

HunterLab(34.9693, 28.2873, -27.5975)	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(34.9693, 28.2873,
-27.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	834C97
RGB	131, 76, 151
RGB Percent	51%, 30%, 59%
CMY	0.4863, 0.7020, 0.4078
CMYK	0.13, 0.50, 0.00, 0.41
HSL	284°, 33%, 45%
HSV	284°, 50%, 59%
XYZ	17.5304, 12.2285, 30.7145
YIQ	100.9950, 8.7050, 34.9850

Conversions

Conversions Part 2

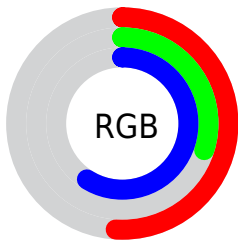
Format	Color
R_{YB}	131, 76, 151
Decimal	8604823
CIE _{Lab}	41.58, 36.43, -31.90
CIE _{LCh}	42, 48.423, 318.801
Yxy	12.2290, 0.2899, 0.2022
Android (android.graphics.Color)	4286794903 (0xFF834C97)
YUV	100.9950, 24.6525, 26.3144
Hunter-Lab	34.9693, 28.2873, -27.5975

Details

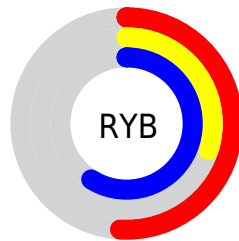
The HunterLab color $[34.9693, 28.2873, -27.5975]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[50.1418, -26.5347, 22.3471]$, and the grayscale version is $[35.9811, -1.9199, 1.9549]$.

A 20% lighter version of the original color is $[54.8398, 30.9064, -28.7979]$, and $[18.4740, 25.0639, -26.8719]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.7357, 34.4452, -34.5405]$, and if you desaturate by 10%, it is $[38.5841, 21.9126, -20.8313]$.

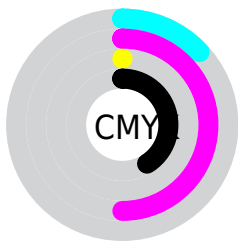
Distribution



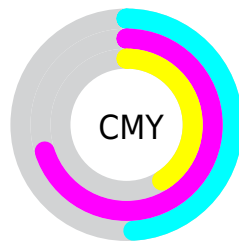
- Red (51%)
- Green (30%)
- Blue (59%)



- Red (51%)
- Yellow (30%)
- Blue (59%)



- Cyan (13%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9693, 28.2873, -27.5975 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 34.9693, 28.2873, -27.5975 by changing the saturation by 10% instead.

■ 34.9693, 28.2873,
-27.5975

■ 34.9693, 28.2873,
-27.5975

■ 143.4976, 36.6114,
-31.5753

■ 26.2676, 26.8201,
-27.0382

■ 54.6915, 30.8347,
-28.7827

■ 18.4379, 25.2295,
-26.6495

■ 65.6001, 31.9334,
-29.3336

■ 11.5919, 23.5743,
-26.7891

■ 77.1507, 32.9279,
-29.8375

■ 4.1794, 38.5578,
-43.5413

■ 89.3094, 33.8272,
-30.2899

0.0000, INF, -NF

0.0000, NaN, -NF

■ 102.0472, 34.6389,
-30.6893

0.0000, NaN, NaN

115.3389, 35.3697,

0.0000, NaN, NaN

-31.0359

0.0000, NaN, NaN

129.1623, 36.0255,
-31.3308

■ 34.9693, 28.2873,
-27.5975

■ 34.9693, 28.2873,
-27.5975

■ 31.7357, 34.4452,
-34.5405

■ 38.5841, 21.9126,
-20.8313

■ 28.9484, 40.0825,
-41.4260

■ 42.5182, 15.5081,
-14.3565

■ 26.6745, 44.7642,
-47.8572

■ 46.7223, 9.1700,
-8.2032

■ 24.9620, 48.0037,
-53.3202

■ 51.1560, 2.9402,
-2.3601

■ 23.6987, 49.8944,
-57.7728

■ 55.7871, -3.1697,
3.2035

■ 23.6573, 49.9583,
-57.9251

■ 60.5896, -9.1643,
8.5243

■ 65.5430, -15.0552,
13.6386

■ 70.6304, -20.8568,
18.5796

■ 75.8383, -26.5835,
23.3762

Harmonies

Analogous

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



34.9700, 10.0430, -46.0329



34.9693, 28.2873, -27.5975



34.9700, 39.1353, -5.1396

Triad

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



34.9700, 28.2864, -27.5964



34.9700, 5.1358, 21.2771



34.9700, -29.0446, -10.5048

Complementary

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



34.9693, 28.2873, -27.5975



50.1418, -26.5347, 22.3471

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.



34.9700, -29.8303, 7.7310



34.9693, 28.2873, -27.5975



34.9700, -12.3710, 20.9588

Square

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



34.9700, 28.2864, -27.5964



34.9700, 24.0724, 18.7536



34.9700, -24.3497, 17.4209



34.9700, -21.9285, -33.1927

Rectangle

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



34.9693, 28.2873, -27.5975



34.9700, 39.4939, 6.5903



34.9700, -24.3497, 17.4209



34.9700, -29.9950, -3.5377

Sweetspot

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



34.9700, 28.2864, -27.5964



65.0814, 8.6115, -7.5142



34.8383, 4.3581, -28.2841



30.4826, 4.8790, -4.3114



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.



34.9700, 28.2864, -27.5964



41.8565, 47.3111, -47.6526



36.6823, 31.2571, -13.0097



24.9815, 1.3009, -1.0286



21.8531, 46.1221, -53.3042



2.9792, 6.0557, -5.4690

Inverse Universe

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



35.4868, 25.7153, 3.8272



42.9341, 43.0683, 6.8558



49.4663, -28.6657, 17.4263



24.9968, 1.0512, 1.3257



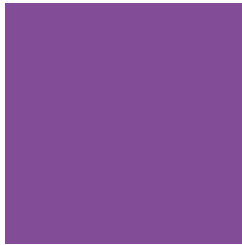
23.9443, 41.5737, 11.0664



3.0188, 5.4165, 0.0374

Previews

White Background



This preview shows how the HunterLab color 34.9693, 28.2873, -27.5975 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 34.9693, 28.2873, -27.5975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

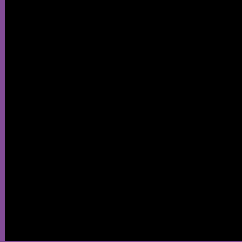
Any Text WCAG AA × Fail

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 34.9693, 28.2873, -27.5975 Background



This preview shows how black text looks on a background with the HunterLab color 34.9693, 28.2873, -27.5975.



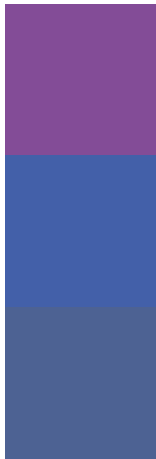
This preview shows how white text looks on a background with the HunterLab color 34.9693, 28.2873, -27.5975.

-27.5975.

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

34.9693, 28.2873, -27.5975

Protanopia

35.2471, 7.4902, -41.2901

Deuteranopia

35.2416, 2.6262, -24.6784



Tritanopia

34.9288, 9.6641, 2.9076

Trichromacy



Original Color

34.9693, 28.2873, -27.5975

Protanomaly

34.5356, 13.5274, -37.1663

Deuteranomaly

34.6292, 11.2088, -26.4343

Tritanomaly

34.6947, 16.0813, -6.5760

Monochromacy



Original Color

34.9693, 28.2873, -27.5975

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.2575, 8.3627, -7.4771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9693, 28.2873, -27.5975 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(131, 76, 151)` looks like.

```
.text, #text, p{  
    color:rgb(131, 76, 151)  
}
```

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(131, 76, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 76, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9693, 28.2873, -27.5975 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(131, 76, 151) }
```


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

```
.border{ border-color:rgb(131, 76, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 76, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 76, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 76, 151);  
box-shadow:4px 4px 4px 4px rgb(131, 76,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9693, 28.2873, -27.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 76, 151) }
```

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

```
.background{ background-color: rgb(131, 76,  
151) }
```

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