

Converting Colors

HunterLab(9.7113, 76.8877,
-61.5127)

Have a look what the booklet for
HunterLab(9.7113, 76.8877,
-61.5127) contains.

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Color

**HunterLab(16.9980, 34.1868,
-28.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	570061
RGB	87, 0, 97
RGB Percent	34%, 0%, 38%
CMY	0.6588, 1.0000, 0.6196
CMYK	0.10, 1.00, 0.00, 0.62
HSL	294°, 100%, 19%
HSV	294°, 100%, 38%
XYZ	6.0882, 2.8893, 11.5461
YIQ	37.0710, 20.7150, 48.6110

Conversions

Conversions Part 2

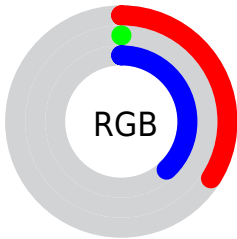
Format	Color
R_{YB}	87, 0, 97
Decimal	5701729
CIE _{Lab}	19.60, 46.63, -33.29
CIE _{LCh}	20, 57.295, 324.473
Yxy	2.8894, 0.2966, 0.1408
Android (android.graphics.Color)	4283891809 (0xFF570061)
YUV	37.0710, 29.5450, 43.7877
Hunter-Lab	16.9980, 34.1868, -28.3749

Details

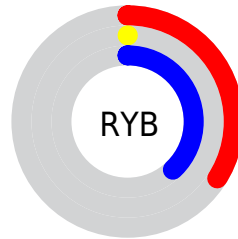
The HunterLab color **16.9980, 34.1868, -28.3749** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29.3496, -24.6020, 17.6542**, and the grayscale version is **13.5289, -0.7219, 0.7350**.

A 20% lighter version of the original color is **33.0837, 38.0145, -29.1584**, and **8.2547, 16.9262, -16.2913** is the 20% darker color. If you saturate the color by 10%, you get **16.9981, 34.1870, -28.3749**, and if you desaturate by 10%, it is **17.7440, 32.1998, -26.2918**.

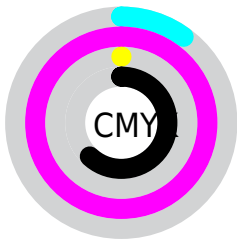
Distribution



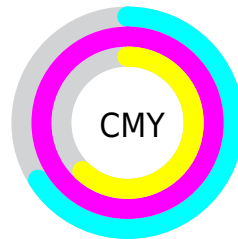
- Red (34%)
- Green (0%)
- Blue (38%)



- Red (34%)
- Yellow (0%)
- Blue (38%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9980, 34.1868, -28.3749 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 16.9980, 34.1868, -28.3749 by changing the saturation by 10% instead.

■ 16.9980, 34.1868,
-28.3749

■ 16.9980, 34.1868,
-28.3749

■ 112.6613, 47.7489,
-32.8361

■ 10.3648, 32.4939,
-28.8782

■ 33.1798, 37.8969,
-29.1629

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.5231, 39.6324,
-29.7662

0.0000, NaN, NaN

■ 52.6087, 41.2528,
-30.3766

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3855, 42.7582,
-30.9613

0.0000, NaN, NaN


■ 74.8117, 44.1538,
-31.5048


0.0000, NaN, NaN


■ 86.8524, 45.4462,


-32.0000


 99.4775, 46.6425,
-32.4440


 16.9980, 34.1868,
-28.3749


 16.9980, 34.1868,
-28.3749


 16.9981, 34.1870,
-28.3749

 17.7440, 32.1998,
-26.2918

 18.6186, 29.9009,
-24.0180

 19.8006, 26.7958,
-21.1941

 21.2732, 23.1128,
-18.0070

 23.0083, 19.0778,
-14.6314

■ 24.9740, 14.8711,
-11.1999

■ 27.1394, 10.6165,
-7.7979

■ 29.4767, 6.3892,
-4.4726

■ 31.9620, 2.2291,
-1.2452

Harmonies

Analogous

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



16.9984, 14.6534, -57.5474



16.9980, 34.1868, -28.3749



16.9984, 44.6837, -2.3091

Triad

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



16.9984, 34.1861, -28.3740



16.9984, 2.3172, 11.8989



16.9984, -21.4629, -17.3653

Complementary

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



16.9980, 34.1868, -28.3749



29.3496, -24.6020, 17.6542

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.



16.9984, -22.7141, 3.6273



16.9980, 34.1868, -28.3749



16.9984, -12.3282, 11.8989

Square

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



16.9984, 34.1861, -28.3740



16.9984, 22.2344, 11.8989



16.9984, -20.0201, 11.7788



16.9984, -15.9026, -47.9038

Rectangle

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



16.9980, 34.1868, -28.3749



16.9984, 43.0494, 6.9536



16.9984, -20.0201, 11.7788



16.9984, -22.3163, -8.6873

Sweetspot

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



16.9984, 34.1861, -28.3740



35.2739, 14.3873, -10.5962



10.5350, 20.2139, -56.8024



17.1573, 7.9748, -5.9212



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



16.9984, 34.1861, -28.3740



22.2006, 44.6827, -37.3092



16.9287, 30.9054, -3.9119



16.1752, 0.8871, -0.4465



19.7987, 39.8370, -33.1833



45.5180, 91.7329, -77.4226

Inverse Universe

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



16.0107, 27.5543, 9.2843



20.9403, 35.9982, 12.4668



29.4690, -23.6371, 14.1925



16.1062, 0.4396, 1.1225



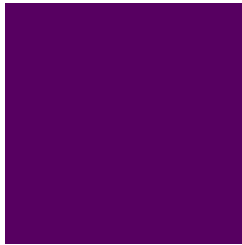
18.6638, 32.0989, 11.0012



43.0601, 73.9019, 26.5833

Previews

White Background



This preview shows how the HunterLab color 16.9980, 34.1868, -28.3749 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

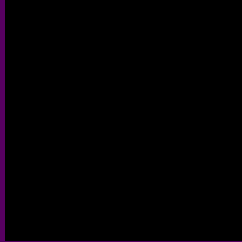
Any Text WCAG AA × Fail

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 16.9980, 34.1868, -28.3749 Background



This preview shows how black text looks on a background with the HunterLab color 16.9980, 34.1868, -28.3749.



This preview shows how white text looks on a background with the HunterLab color 16.9980, 34.1868, -28.3749.

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

16.9980, 34.1868, -28.3749

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.1788, 0.5650, -21.0692



Tritanopia

18.0327, 12.0128, 4.4245

Trichromacy



Original Color

16.9980, 34.1868, -28.3749

Protanomaly

15.1638, 14.7864, -39.5470

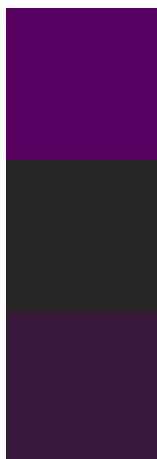
Deuteranomaly

15.3279, 13.1677, -30.3824

Tritanomaly

16.8202, 20.8266, -4.8330

Monochromacy



Original Color

16.9980, 34.1868, -28.3749

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3464, 12.6424, -9.9359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9980, 34.1868, -28.3749 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(87, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 97)  
}
```

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(87, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9980, 34.1868, -28.3749 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(87, 0, 97) }
```


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

```
.border{ border-color:rgb(87, 0, 97) }
```

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

Here you see how a box with a 4 pixel rgb(87, 0, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 0, 97); box-shadow:4px  
4px 4px 4px rgb(87, 0, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.9980, 34.1868, -28.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 97) }
```

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

```
.background{ background-color: rgb(87, 0,  
97) }
```

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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