

Converting Colors

HunterLab(28.2267, 42.1792,
-28.1723)

Have a look what the booklet for
HunterLab(28.2267, 42.1792,
-28.1723) contains.

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Color

**HunterLab(28.2898, 42.4129,
-28.3320)**

Conversions

Conversions Part 1	
Format	Color
Hex	852585
RGB	133, 37, 133
RGB Percent	52%, 15%, 52%
CMY	0.4784, 0.8549, 0.4784
CMYK	0.00, 0.72, 0.00, 0.48
HSL	300°, 56%, 33%
HSV	300°, 72%, 52%
XYZ	14.5681, 8.0031, 22.9672
YIQ	76.6480, 26.4000, 50.2080

Conversions

Conversions Part 2

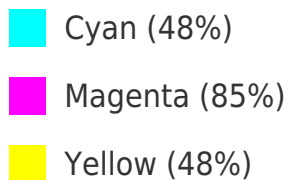
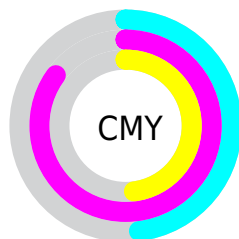
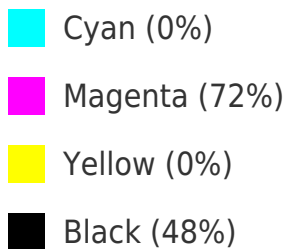
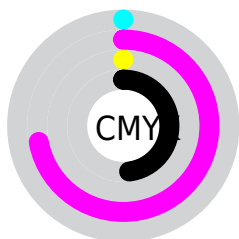
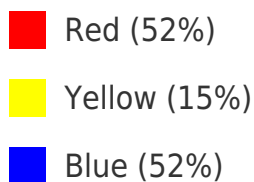
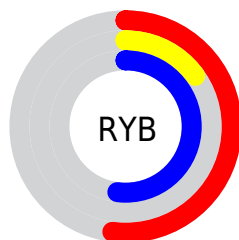
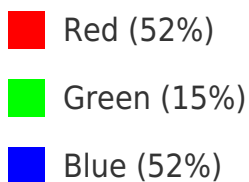
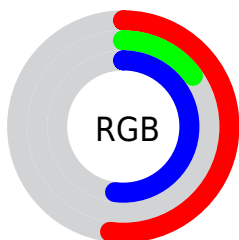
Format	Color
RYB	133, 37, 133
Decimal	8725893
CIELab	33.99, 52.11, -32.86
CIELCh	34, 61.608, 327.761
Yxy	8.0035, 0.3199, 0.1757
Android (android.graphics.Color)	4286915973 (0xFF852585)
YUV	76.6480, 27.7815, 49.4207
Hunter-Lab	28.2898, 42.4129, -28.3320

Details

The HunterLab color **28.2898, 42.4129, -28.3320** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **41.5961, -32.0913, 22.5741**, and the grayscale version is **27.0135, -1.4414, 1.4677**.

A 20% lighter version of the original color is **46.9691, 46.1922, -29.5955**, and **15.2644, 30.2320, -21.8518** is the 20% darker color. If you saturate the color by 10%, you get **27.0578, 46.5060, -31.1373**, and if you desaturate by 10%, it is **29.9790, 37.2084, -24.7620**.













Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2898, 42.4129, -28.3320 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 28.2898, 42.4129, -28.3320 by changing the saturation by 10% instead.

 28.2898, 42.4129, -28.3320	 28.2898, 42.4129, -28.3320
 132.5743, 56.3691, -32.7212	 20.2415, 40.4286, -27.9060
 46.8671, 46.2273, -29.5130	 13.1456, 38.6030, -27.9303
 57.2622, 47.9833, -30.1084	 6.6463, 42.3583, -32.4080
 68.3291, 49.6294, -30.6680	0.0000, INF, -NF
 80.0293, 51.1688, -31.1815	0.0000, NaN, -NF
 92.3302, 52.6067, -31.6444	0.0000, NaN, NaN
 105.2038, 53.9489,	0.0000, NaN, NaN

-32.0551

0.0000, NaN, NaN

118.6257, 55.2012,
-32.4138

■ 28.2898, 42.4129,
-28.3320

■ 28.2898, 42.4129,
-28.3320

■ 27.0578, 46.5060,
-31.1373

■ 29.9790, 37.2084,
-24.7620

■ 26.2792, 49.2387,
-33.0096

■ 32.0974, 31.2396,
-20.6648

■ 25.8458, 50.8137,
-34.0885

■ 34.6042, 24.8331,
-16.2629

■ 37.4527, 18.2452,
-11.7315

■ 40.5972, 11.6479,
-7.1884

■ 43.9969, 5.1427,
-2.7032

■ 47.6165, -1.2199,
1.6889

■ 51.4266, -7.4217,
5.9751

■ 55.4026, -13.4632,
10.1553

Harmonies

Analogous

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



28.2904, 20.3322, -59.6579



28.2898, 42.4129, -28.3320



28.2904, 52.4995, -0.0333

Triad

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



28.2904, 42.4116, -28.3308



28.2904, 0.1155, 19.8033



28.2904, -29.5020, -23.4491

Complementary

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



28.2898, 42.4129, -28.3320



41.5961, -32.0913, 22.5741

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.



28.2904, -32.0154, 3.0277



28.2898, 42.4129, -28.3320



28.2904, -18.2467, 19.2045

Square

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



28.2904, 42.4116, -28.3308



28.2904, 23.9711, 18.8518



28.2904, -28.5910, 15.4781



28.2904, -20.2937, -55.6493

Rectangle

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



28.2898, 42.4129, -28.3320



28.2904, 49.3410, 11.0710



28.2904, -28.5910, 15.4781



28.2904, -31.0116, -13.2009

Sweetspot

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



28.2904, 42.4116, -28.3308



54.1857, 15.8707, -9.8148



18.4670, 22.3775, -59.4742



25.2580, 8.4685, -5.3031



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



28.2904, 42.4116, -28.3308



35.4362, 64.9297, -43.5149



26.3931, 34.7974, -2.4353



21.8239, 1.5413, -0.6543



25.2246, 49.5923, -33.2691



1.4847, 2.9190, -1.9582

Inverse Universe

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



28.2904, 42.4116, -28.3308



35.4362, 64.9297, -43.5149



42.2192, -28.2619, 13.4504



21.8239, 1.5413, -0.6543



25.2246, 49.5923, -33.2691



1.4847, 2.9190, -1.9582

Previews

White Background



This preview shows how the HunterLab color 28.2898, 42.4129, -28.3320 looks on a white background.

Color Contrast Check

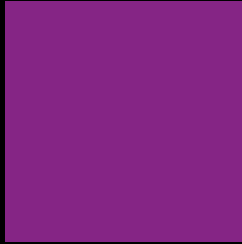
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2898, 42.4129, -28.3320 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 28.2898, 42.4129, -28.3320 Background



This preview shows how black text looks on a background with the HunterLab color 28.2898, 42.4129, -28.3320.



This preview shows how white text looks on a background with the HunterLab color 28.2898, 42.4129, -28.3320.

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

28.2898, 42.4129, -28.3320

Protanopia

28.6391, 9.7617, -56.8690

Deuteranopia





28.7421, 1.8419, -22.9745






Tritanopia

28.4238, 19.8423, 7.4302

Trichromacy

	Original Color 28.2898, 42.4129, -28.3320
	Protanomaly 25.5274, 17.0648, -54.9776
	Deuteranomaly 27.0127, 16.1583, -28.6575
	Tritanomaly 27.8987, 27.7987, -2.8790

Monochromacy

	Original Color 28.2898, 42.4129, -28.3320
	Achromatopsia 27.2422, -1.4536, 1.4801
	Achromatomaly 26.1719, 14.2862, -9.2429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2898, 42.4129, -28.3320 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(133, 37, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 37, 133)  
}
```

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(133, 37, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 37, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2898, 42.4129, -28.3320 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(133, 37, 133) }
```


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

```
.border{ border-color:rgb(133, 37, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 37, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 37, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 37, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 37,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2898, 42.4129, -28.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 37, 133) }
```

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

```
.background{ background-color: rgb(133, 37,  
133) }
```

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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