

Converting Colors

HunterLab(17.2931, 36.7393,
-44.0522)

Have a look what the booklet for
HunterLab(17.2931, 36.7393,
-44.0522) contains.

HunterLab(17.2833, 36.7599, -44.3476)	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(17.2833, 36.7599,
-44.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	510073
RGB	81, 0, 115
RGB Percent	32%, 0%, 45%
CMY	0.6823, 1.0000, 0.5490
CMYK	0.30, 1.00, 0.00, 0.55
HSL	282°, 100%, 23%
HSV	282°, 100%, 45%
XYZ	6.4878, 2.9871, 16.4542
YIQ	37.3290, 11.3610, 52.9370

Conversions

Conversions Part 2

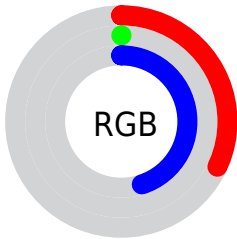
Format	Color
RYB	81, 0, 115
Decimal	5308531
CIELab	19.99, 49.20, -44.47
CIElCh	20, 66.323, 317.890
Yxy	2.9872, 0.2502, 0.1152
Android (android.graphics.Color)	4283498611 (0xFF510073)
YUV	37.3290, 38.2918, 38.2995
Hunter-Lab	17.2833, 36.7599, -44.3476

Details

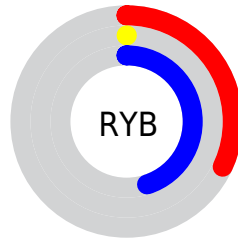
The HunterLab color **17.2833, 36.7599, -44.3476** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.4987, -27.9780, 21.3843**, and the grayscale version is **13.5859, -0.7249, 0.7381**.

A 20% lighter version of the original color is **33.6386, 40.5125, -43.8582**, and **8.4657, 19.1440, -30.5464** is the 20% darker color. If you saturate the color by 10%, you get **17.2835, 36.7601, -44.3471**, and if you desaturate by 10%, it is **18.4180, 34.7592, -40.2558**.

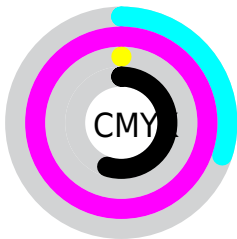
Distribution



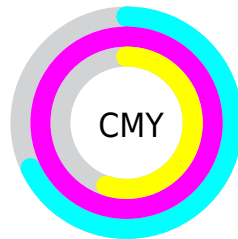
- Red (32%)
- Green (0%)
- Blue (45%)



- Red (32%)
- Yellow (0%)
- Blue (45%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (68%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2833, 36.7599, -44.3476 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 17.2833, 36.7599, -44.3476 by changing the saturation by 10% instead.

17.2833, 36.7599,
-44.3476

17.2833, 36.7599,
-44.3476

113.1960, 51.0249,
-48.5364

10.6069, 35.0788,
-46.7307

33.5359, 40.5829,
-43.9951

0.0000, INF, -NF

0.0000, NaN, -NF

42.9098, 42.3971,
-44.4974

0.0000, NaN, NaN

53.0238, 44.1013,
-45.1408

0.0000, NaN, NaN

63.8271, 45.6926,
-45.8395

0.0000, NaN, NaN


0.0000, NaN, NaN


75.2784, 47.1745,
-46.5485


0.0000, NaN, NaN


87.3427, 48.5530,


-47.2427


 99.9905, 49.8344,
-47.9080


 17.2833, 36.7599,
-44.3476


 17.2833, 36.7599,
-44.3476


 17.2835, 36.7601,
-44.3471

 18.4180, 34.7592,
-40.2558

 19.7880, 32.1834,
-35.8415

 21.5525, 28.6660,
-30.8372

 23.6716, 24.5519,
-25.6090

 26.0971, 20.1270,
-20.4162

■ 28.7821, 15.5843,
-15.4037

■ 31.6859, 11.0370,
-10.6319

■ 34.7750, 6.5426,
-6.1111

■ 38.0222, 2.1253,
-1.8259

Harmonies

Analogous

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



17.2836, 12.2132, -79.4696



17.2833, 36.7599, -44.3476



17.2836, 53.3583, -8.3726

Triad

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



17.2836, 36.7599, -44.3466



17.2836, 7.6950, 12.0985



17.2836, -24.4327, -14.0521

Complementary

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



17.2833, 36.7599, -44.3476



35.4987, -27.9780, 21.3843

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.



17.2836, -24.8691, 6.8888



17.2833, 36.7599, -44.3476



17.2836, -11.0251, 12.0985

Square

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



17.2836, 36.7599, -44.3466



17.2836, 32.2142, 12.0985



17.2836, -20.9097, 12.0985



17.2836, -19.6025, -52.2032

Rectangle

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



17.2833, 36.7599, -44.3476



17.2836, 54.3288, 5.1665



17.2836, -20.9097, 12.0985



17.2836, -25.0829, -4.7260

Sweetspot

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



17.2836, 36.7599, -44.3466



42.0848, 15.2478, -14.7191



15.5265, 15.1471, -52.1047



19.9096, 8.4397, -8.2182



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



17.2836, 36.7599, -44.3466



22.9759, 48.9938, -59.9349



21.0180, 39.6700, -14.9168



19.2515, 0.8598, -0.7193



18.4490, 39.2645, -47.5351



40.1599, 85.9456, -107.1522

Inverse Universe

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



19.3916, 33.8040, 7.9138



25.9081, 45.0842, 11.1918



35.1046, -29.4730, 19.7462



19.2796, 0.7428, 0.9627



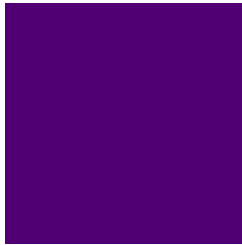
20.7252, 36.1127, 8.5854



45.6052, 79.1808, 21.0926

Previews

White Background



This preview shows how the HunterLab color 17.2833, 36.7599, -44.3476 looks on a white background.

Color Contrast Check

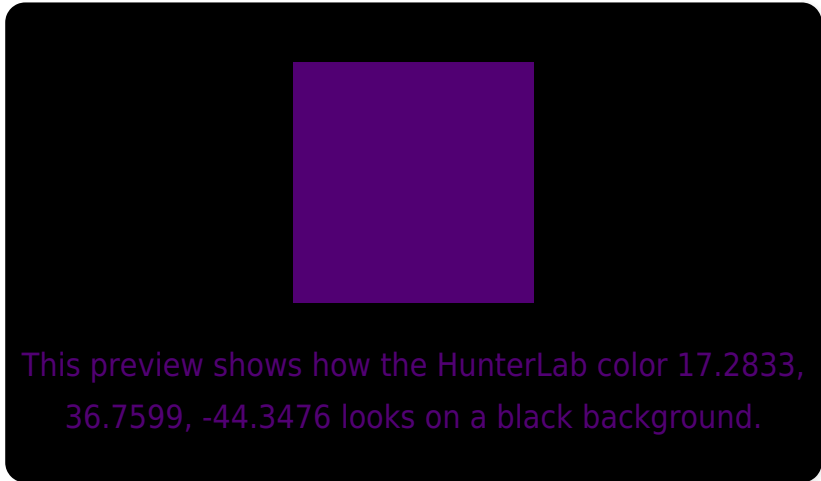
Large Text (above 18pt) WCAG AA ✓ Pass

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

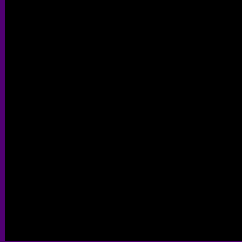
Any Text WCAG AA × Fail

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 17.2833, 36.7599, -44.3476 Background



This preview shows how black text looks on a background with the HunterLab color 17.2833, 36.7599, -44.3476.



This preview shows how white text looks on a background with the HunterLab color 17.2833, 36.7599, -44.3476.

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

17.2833, 36.7599, -44.3476

Protanopia

18.2258, 4.7543, -33.0439

Deuteranopia

18.2179, -0.4798, -21.7351



Tritanopia

18.4181, 6.5120, 2.4615

Trichromacy



Original Color

17.2833, 36.7599, -44.3476

Protanomaly

15.4866, 16.5075, -45.5584

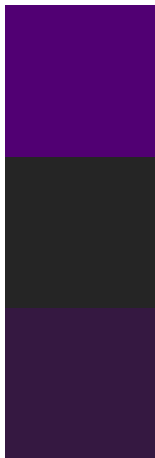
Deuteranomaly

15.2491, 12.8668, -37.2553

Tritanomaly

16.7405, 17.9731, -11.0837

Monochromacy



Original Color

17.2833, 36.7599, -44.3476

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3858, 13.2322, -13.6712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2833, 36.7599, -44.3476 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(81, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 115)  
}
```

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(81, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2833, 36.7599, -44.3476 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(81, 0, 115) }
```


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

```
.border{ border-color:rgb(81, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(81, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(81, 0, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2833, 36.7599, -44.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 115) }
```

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

```
.background{ background-color: rgb(81, 0,  
115) }
```

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